

FIG. 1

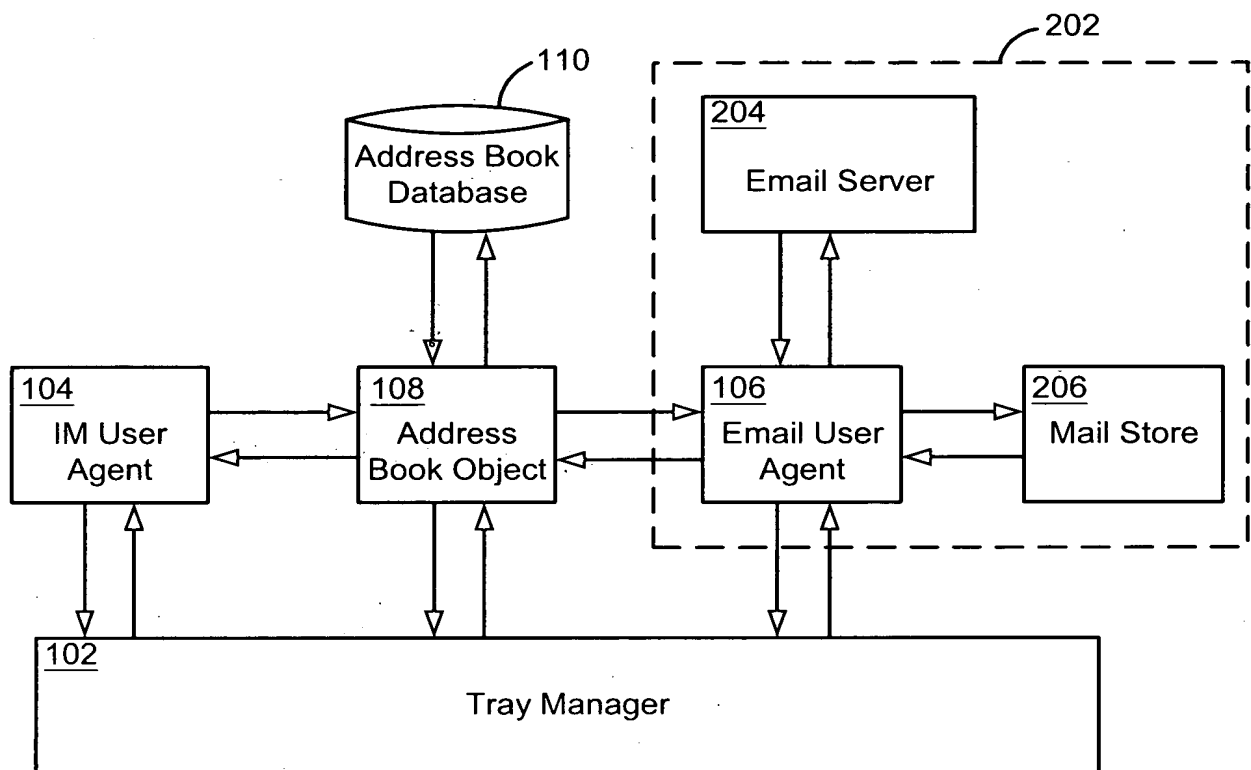


FIG. 2A

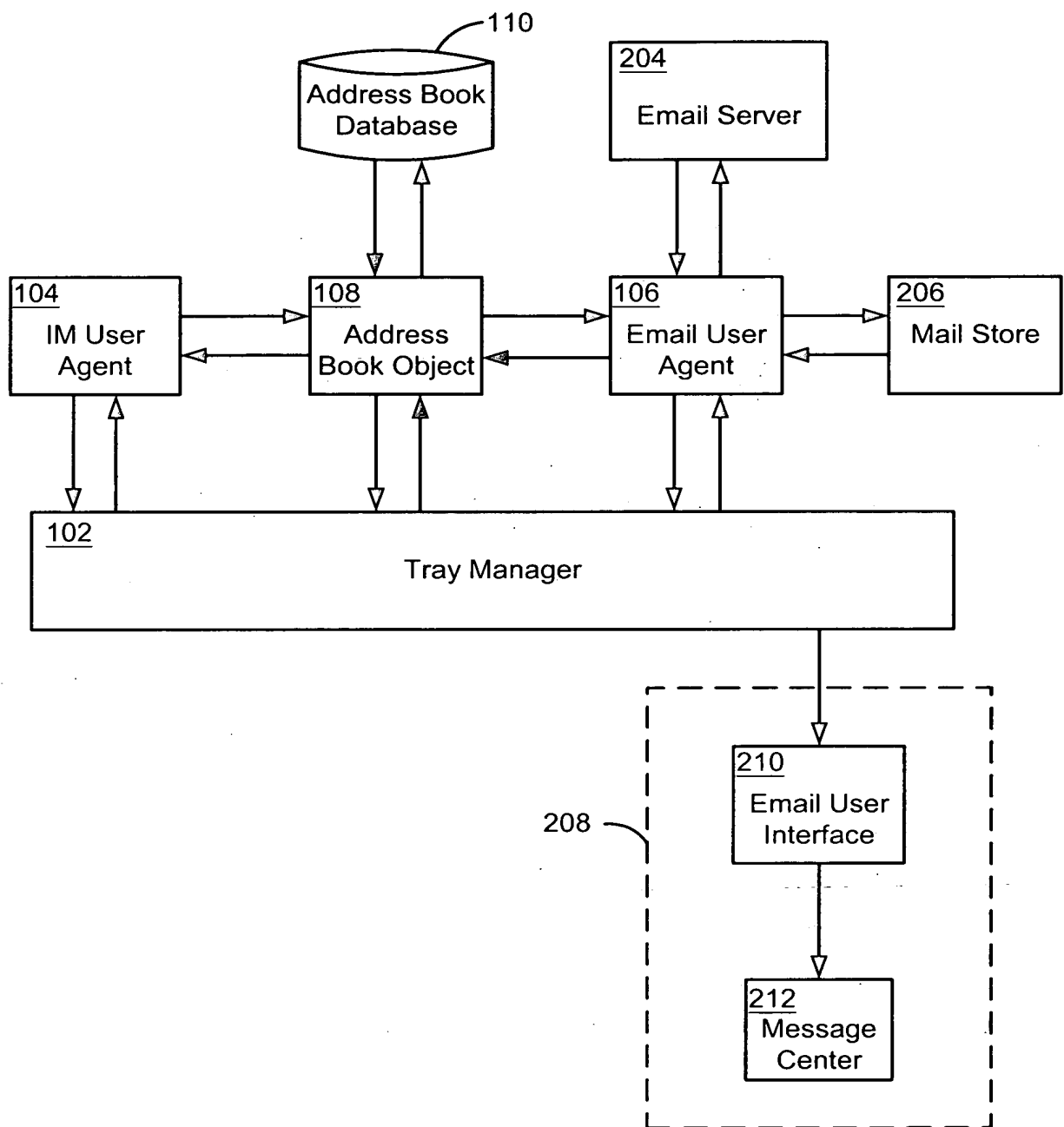


FIG. 2B

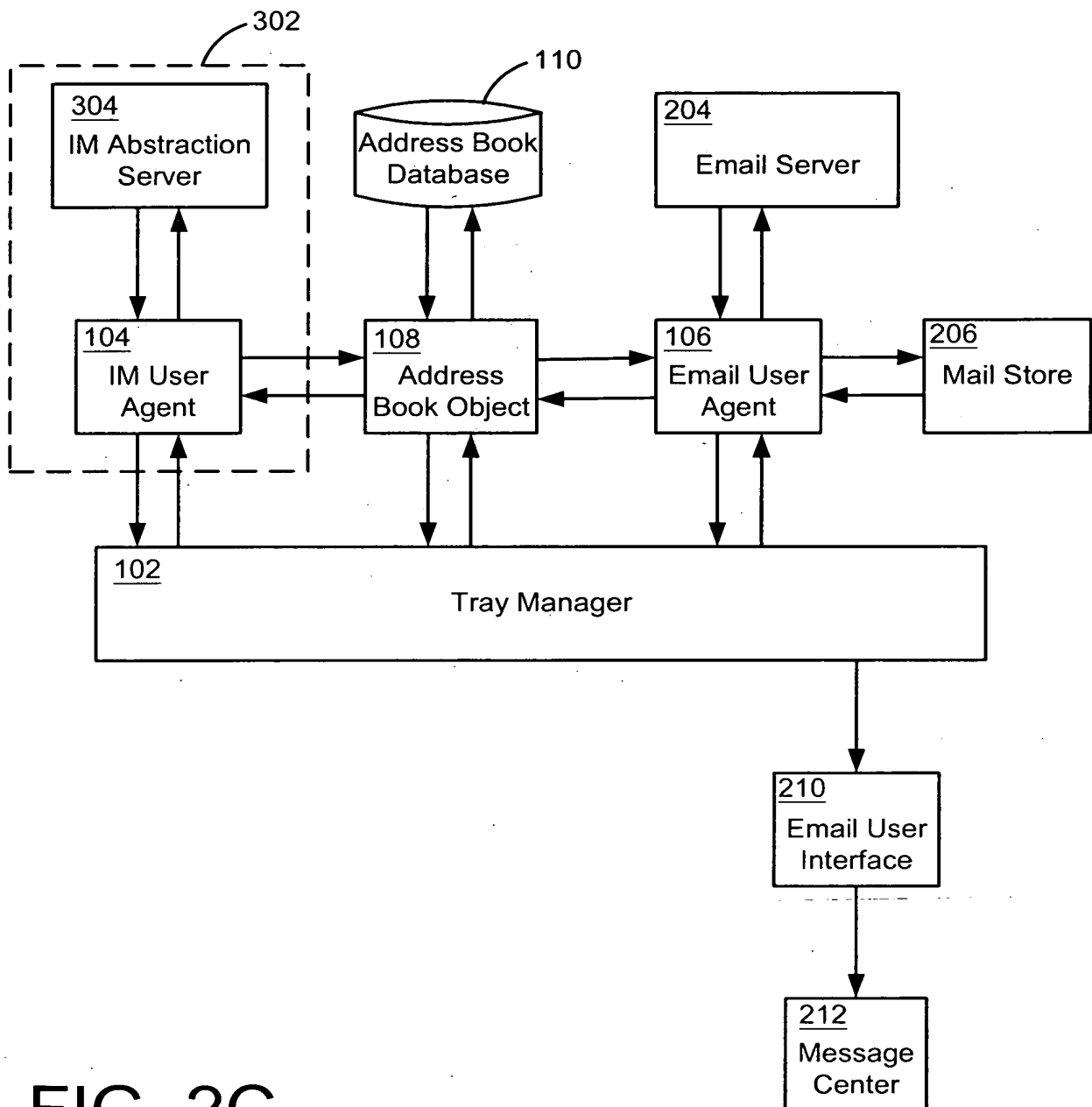


FIG. 2C

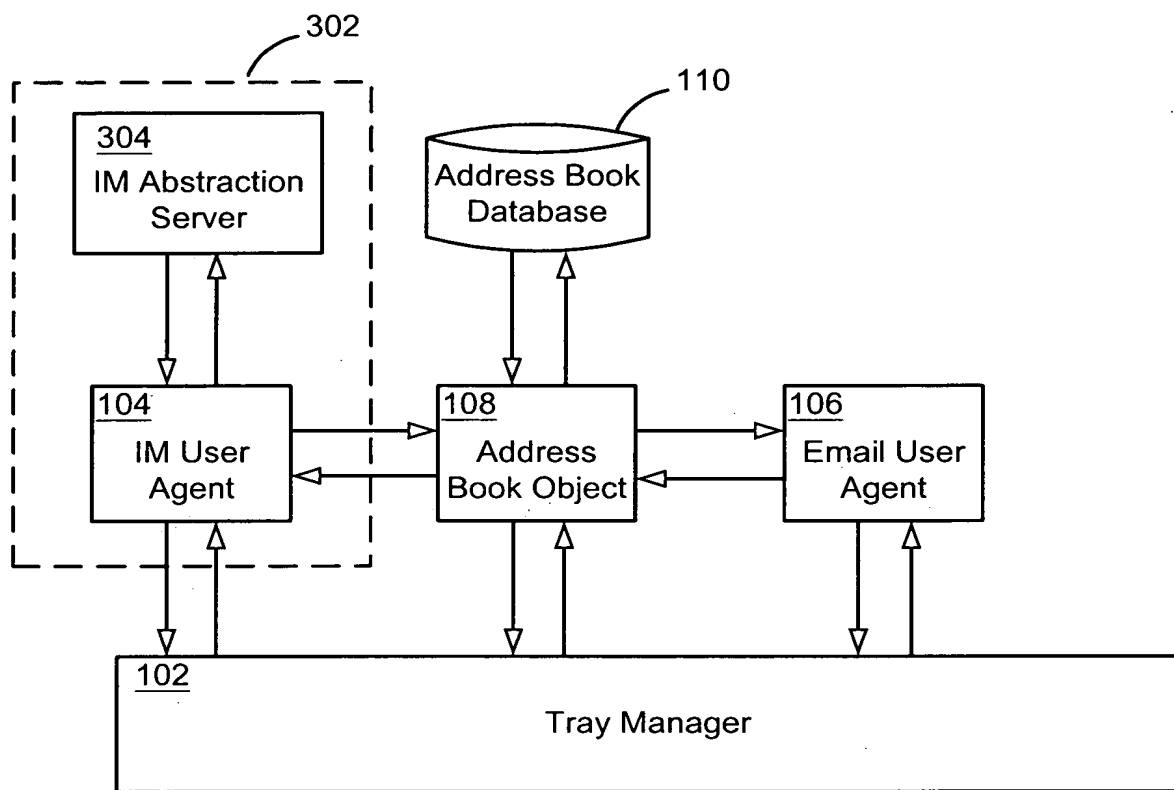


FIG. 3A

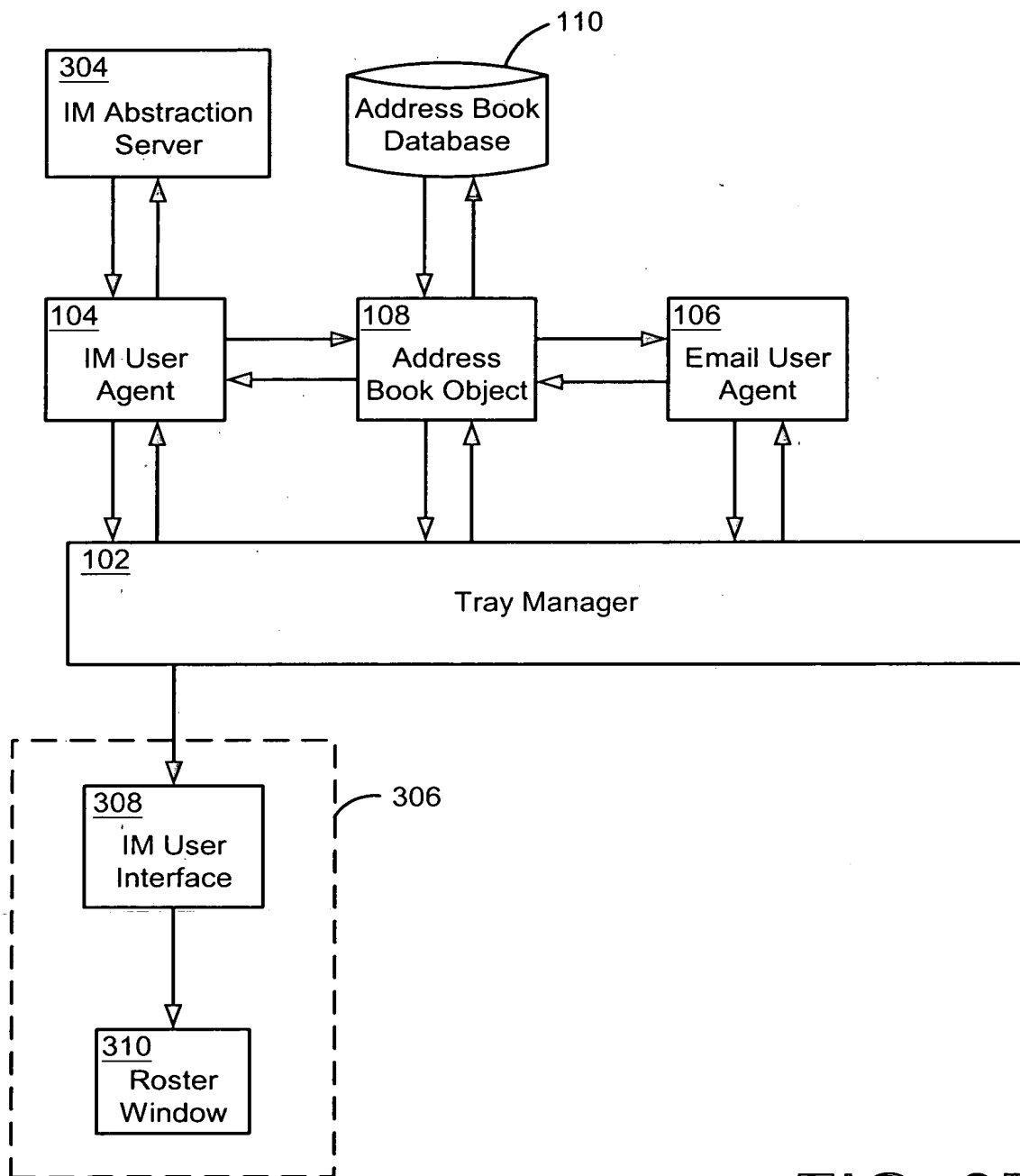


FIG. 3B

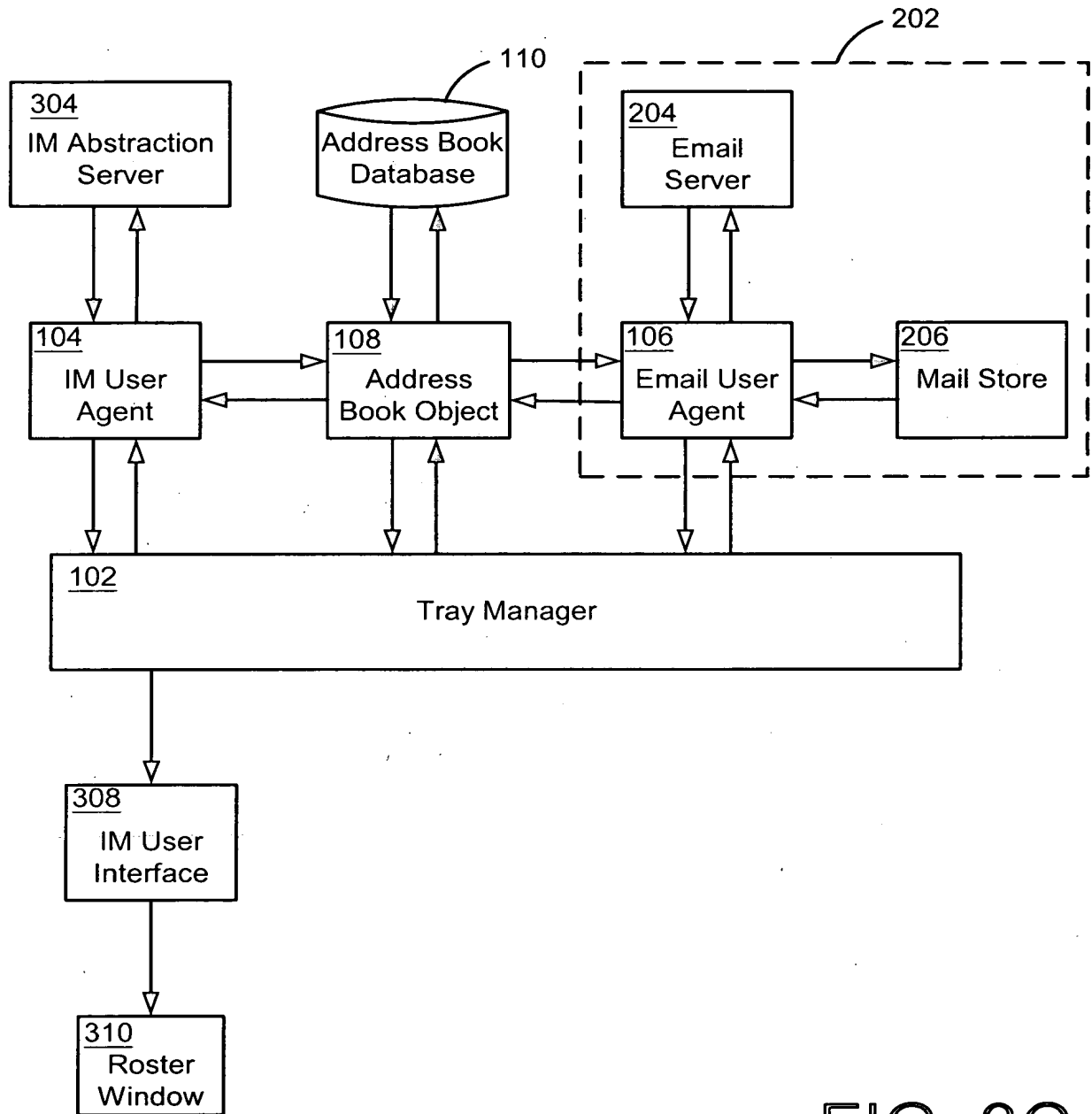


FIG. 3C

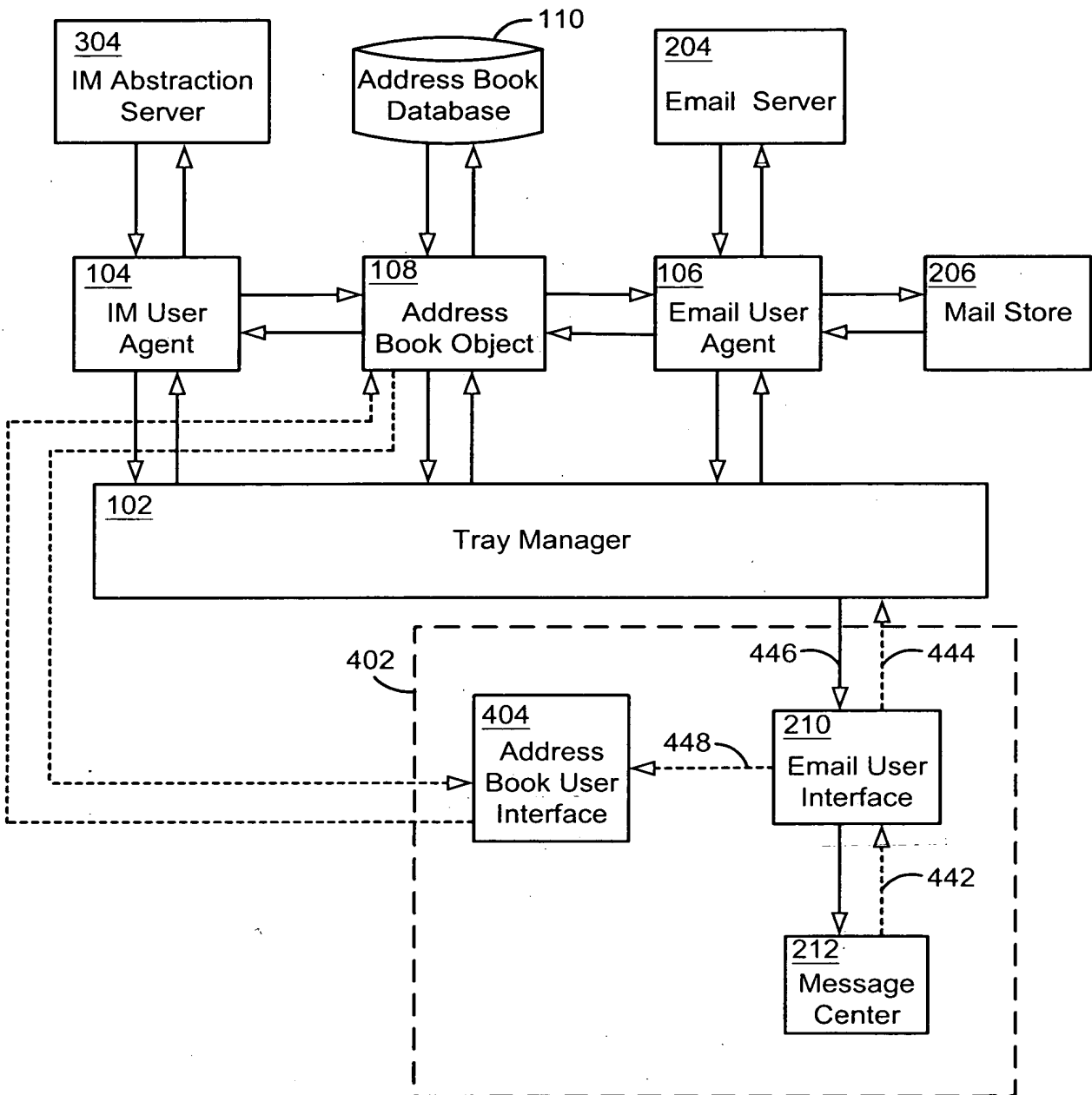


FIG. 4A



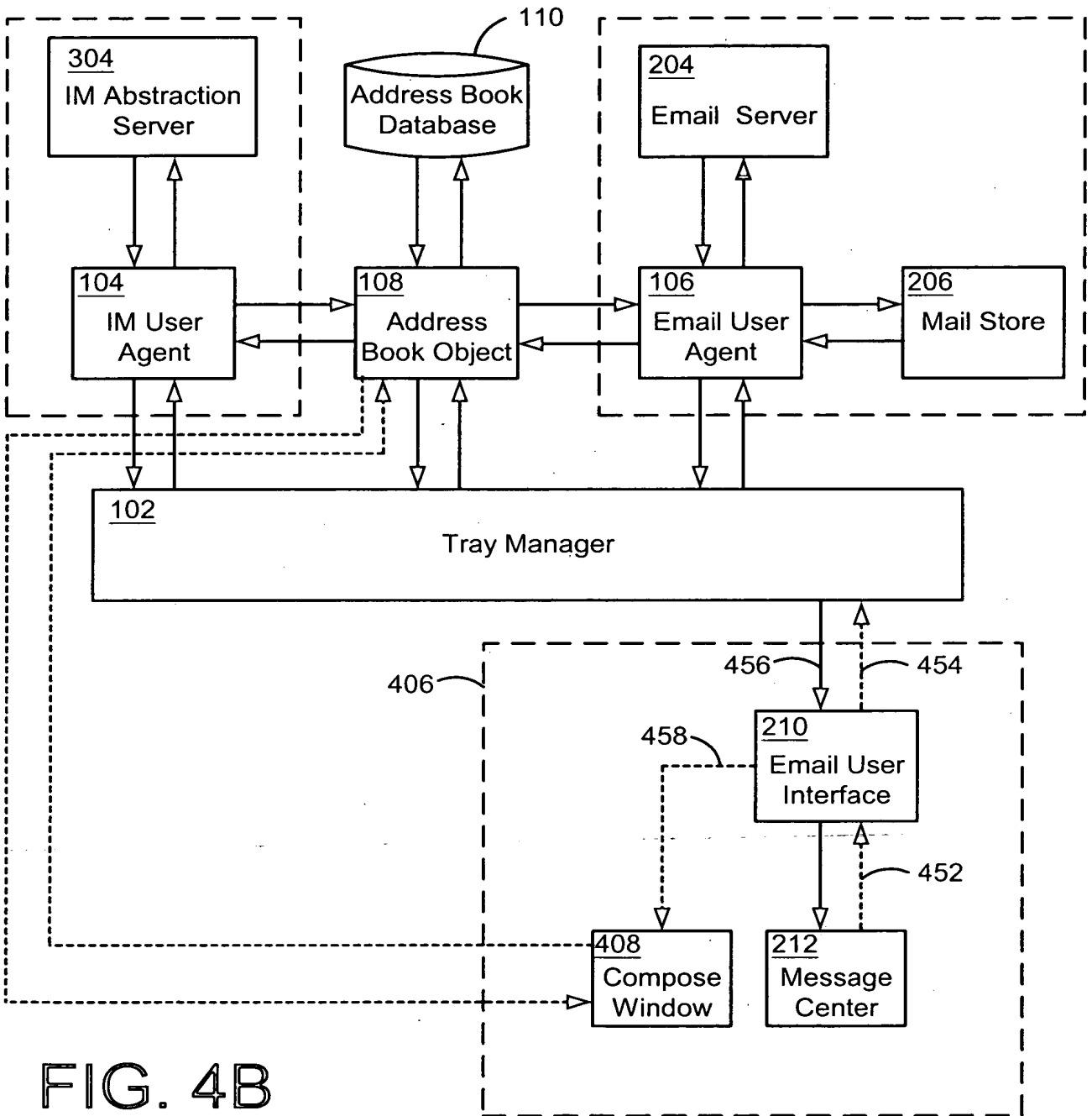


FIG. 4B

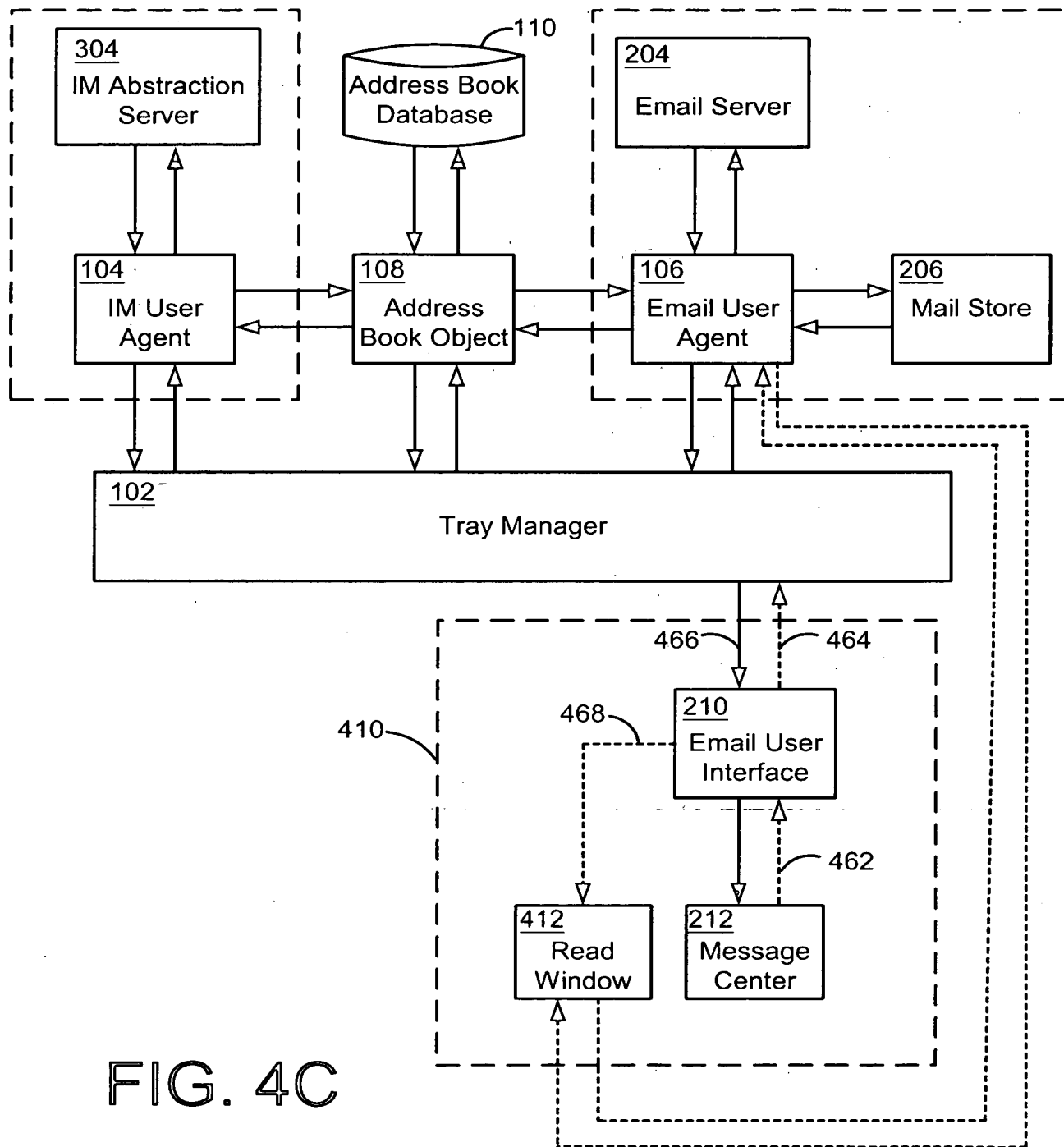


FIG. 4C

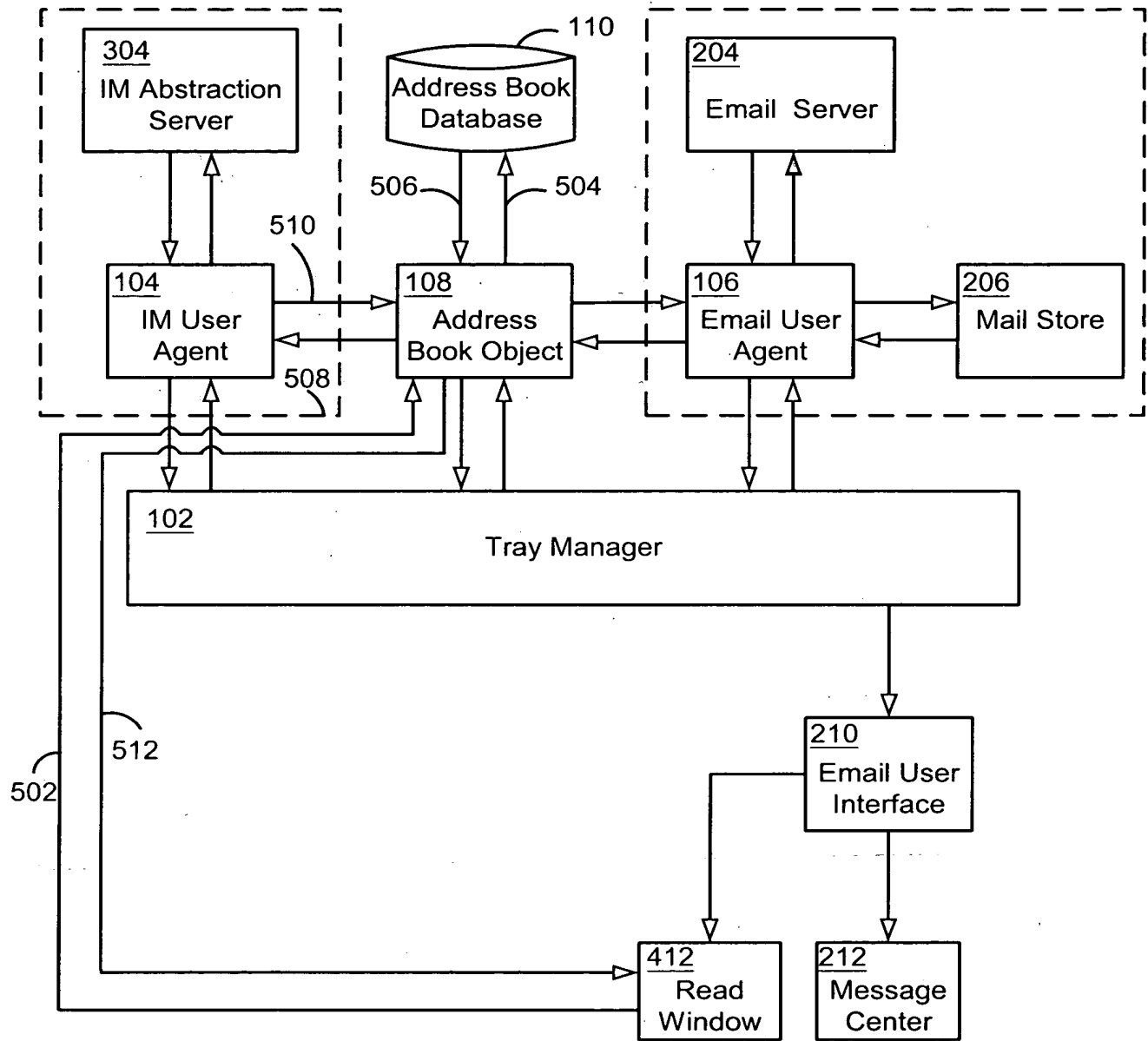


FIG. 5

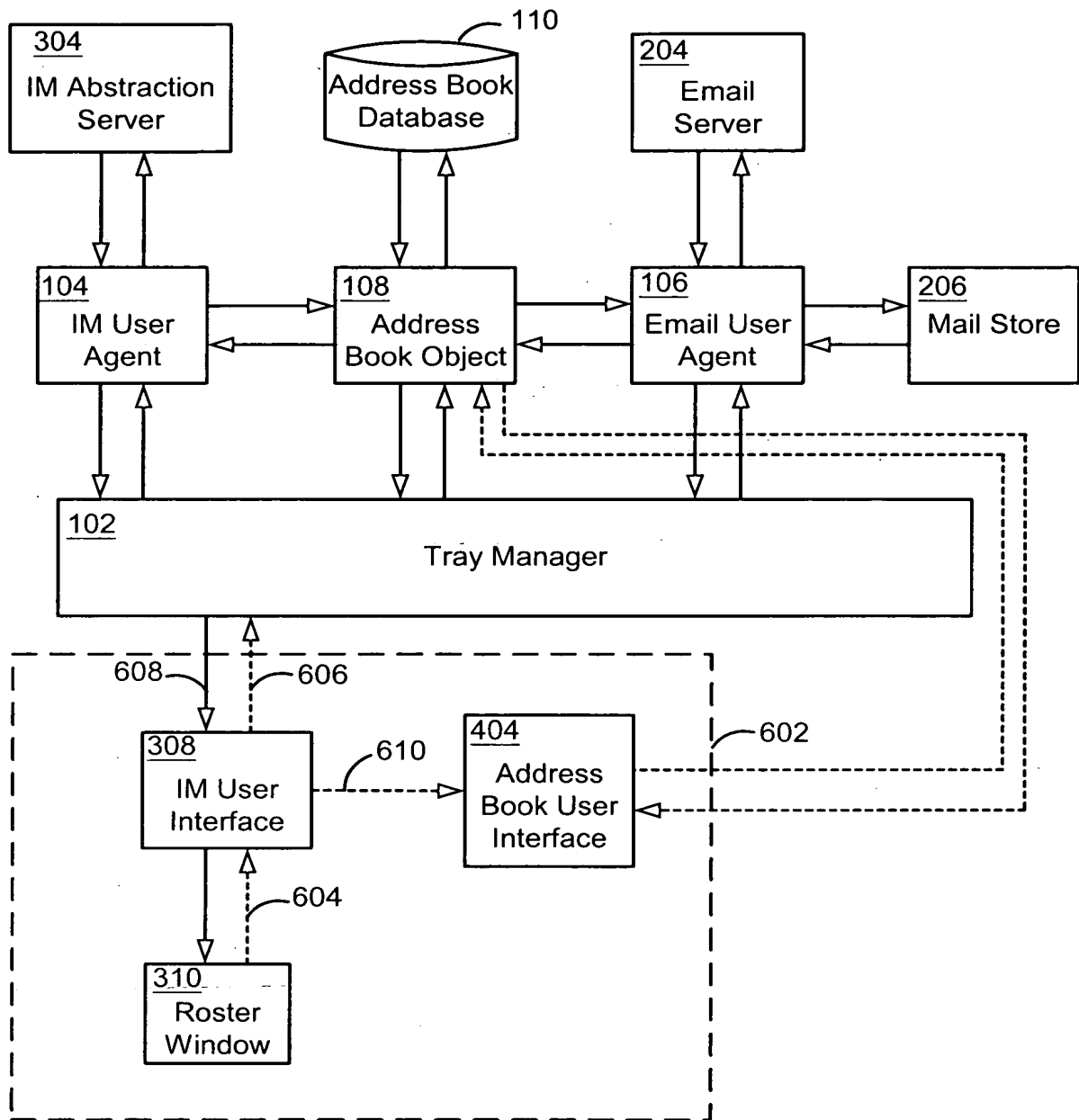


FIG. 6A

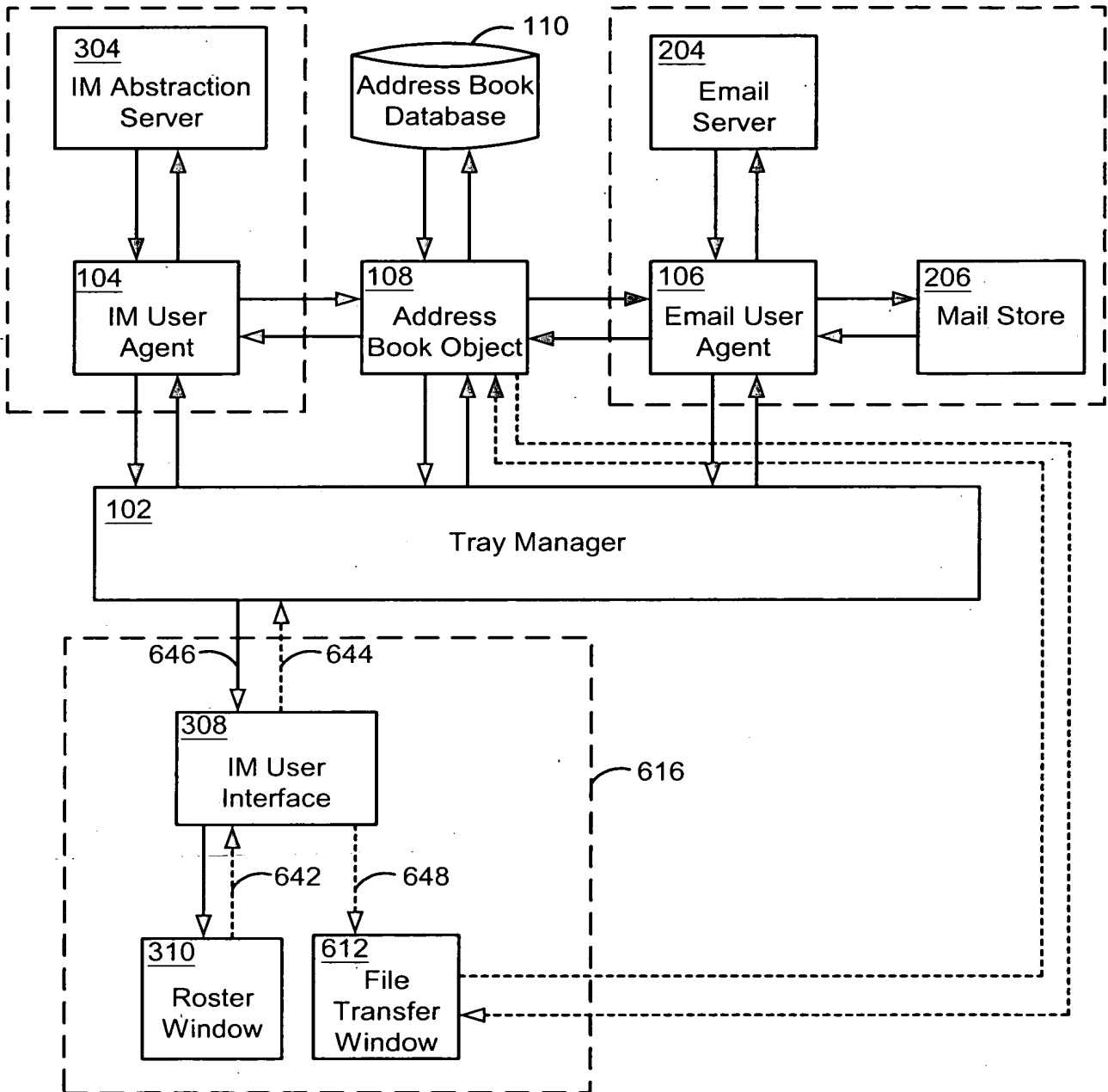


FIG. 6B

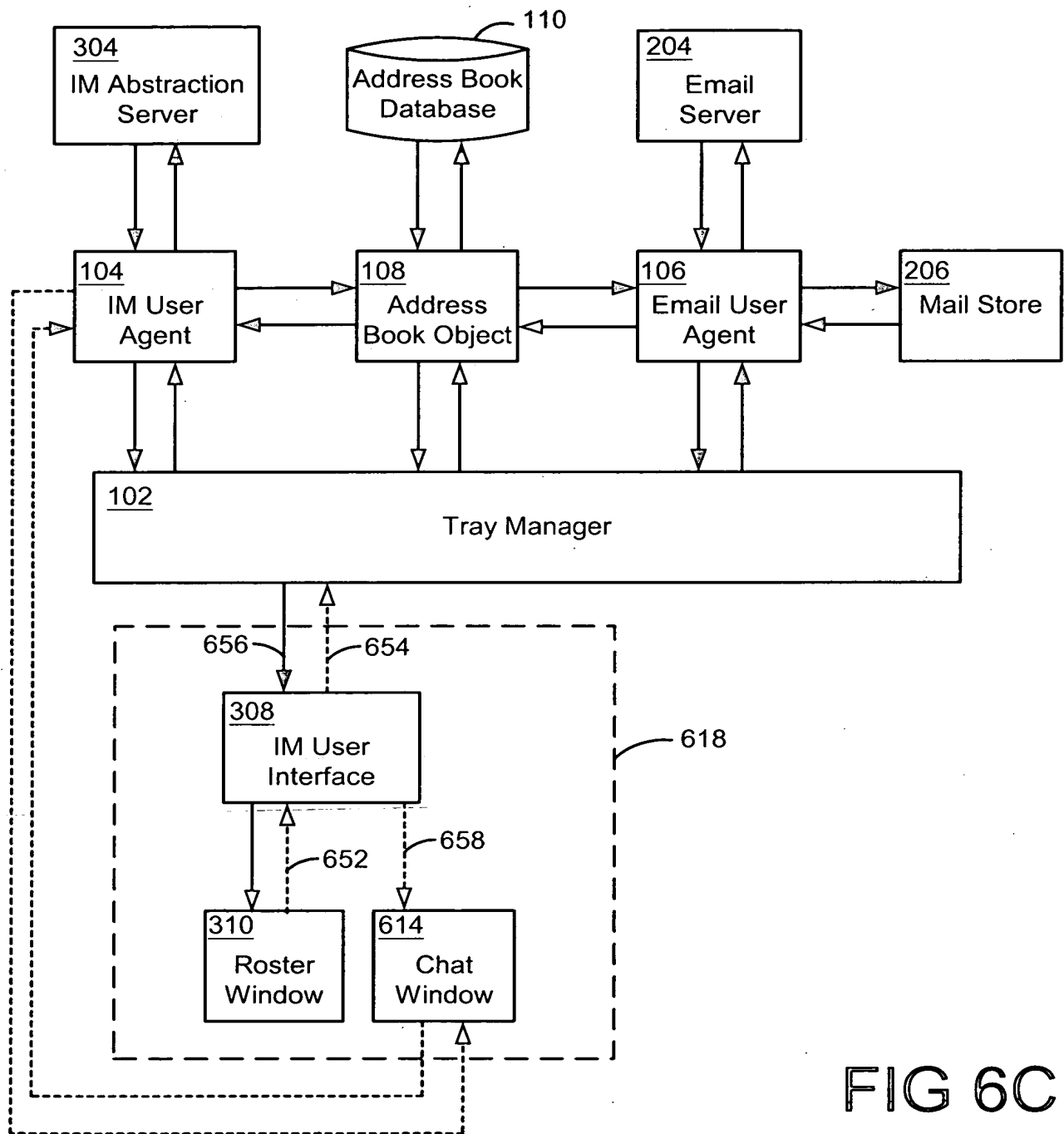


FIG 6C

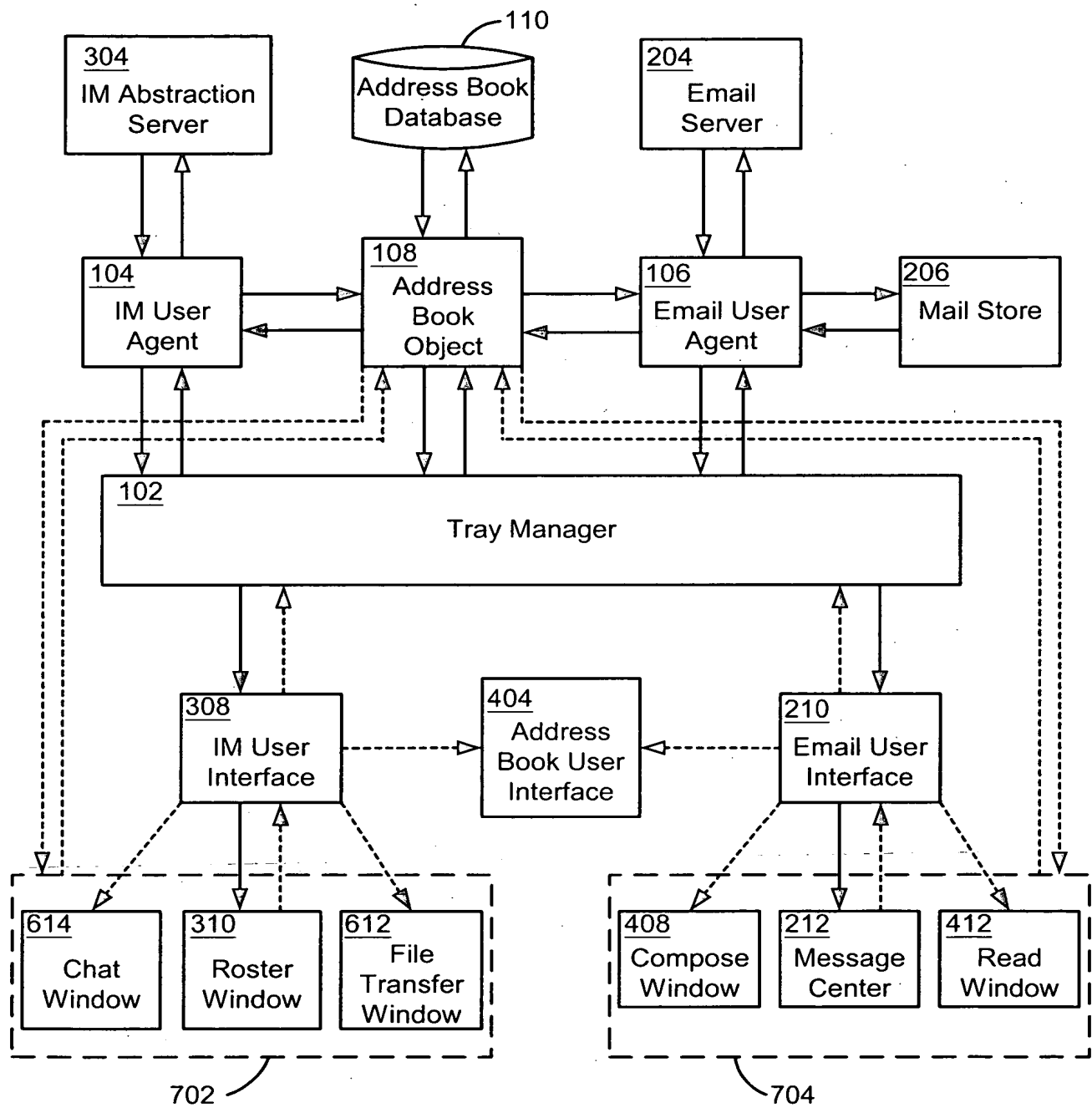


FIG. 7

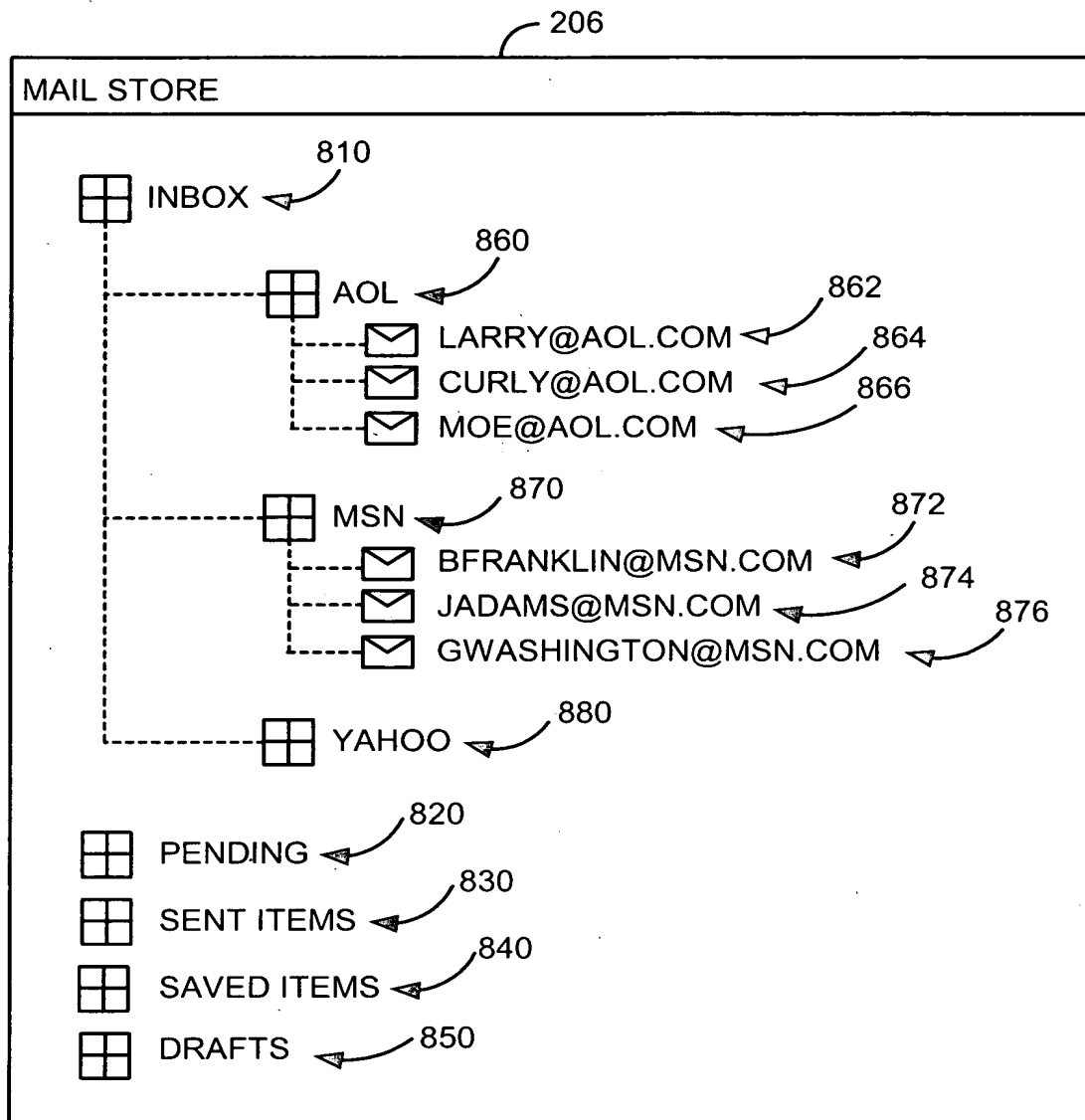


FIG. 8



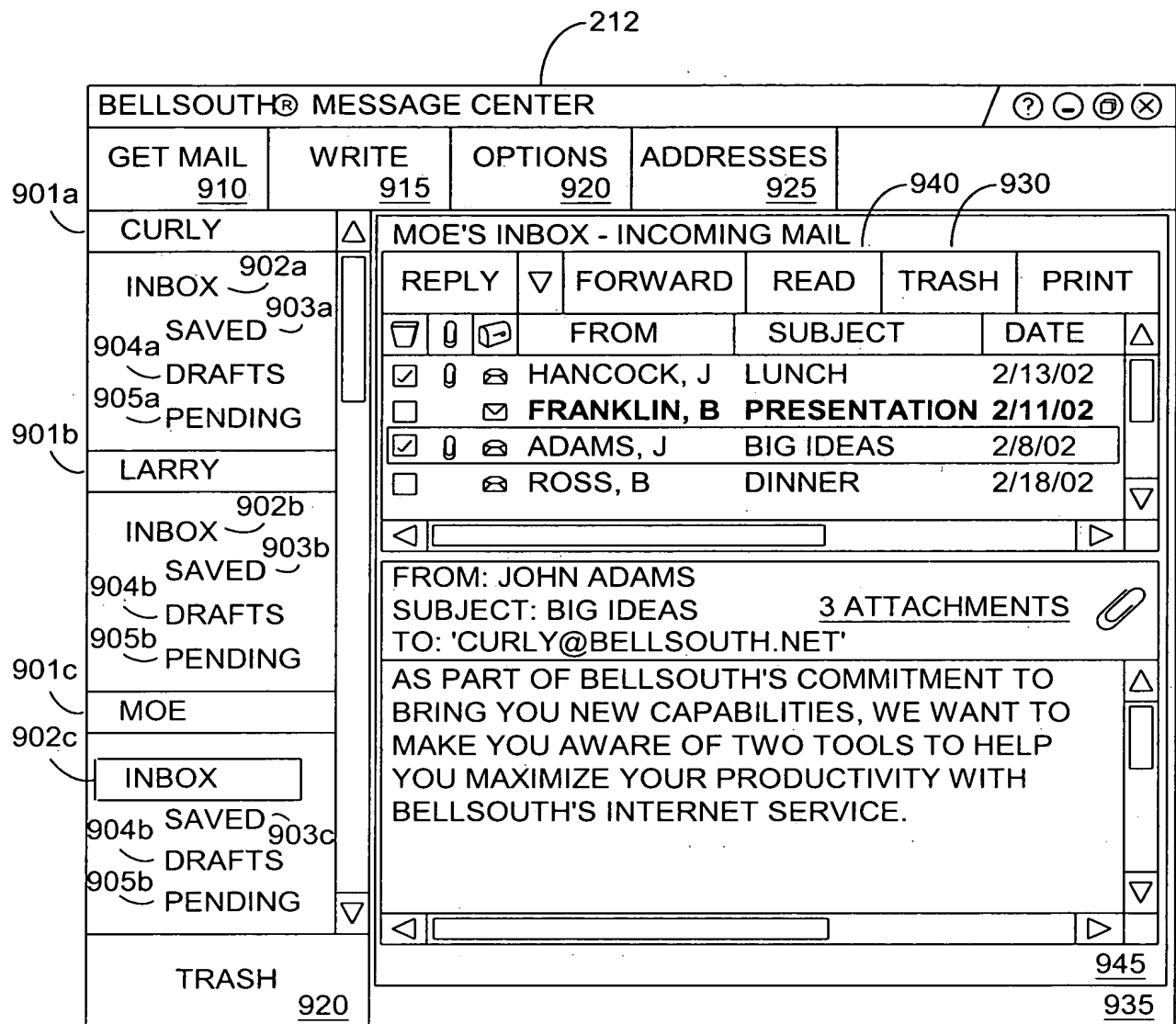


FIG. 9

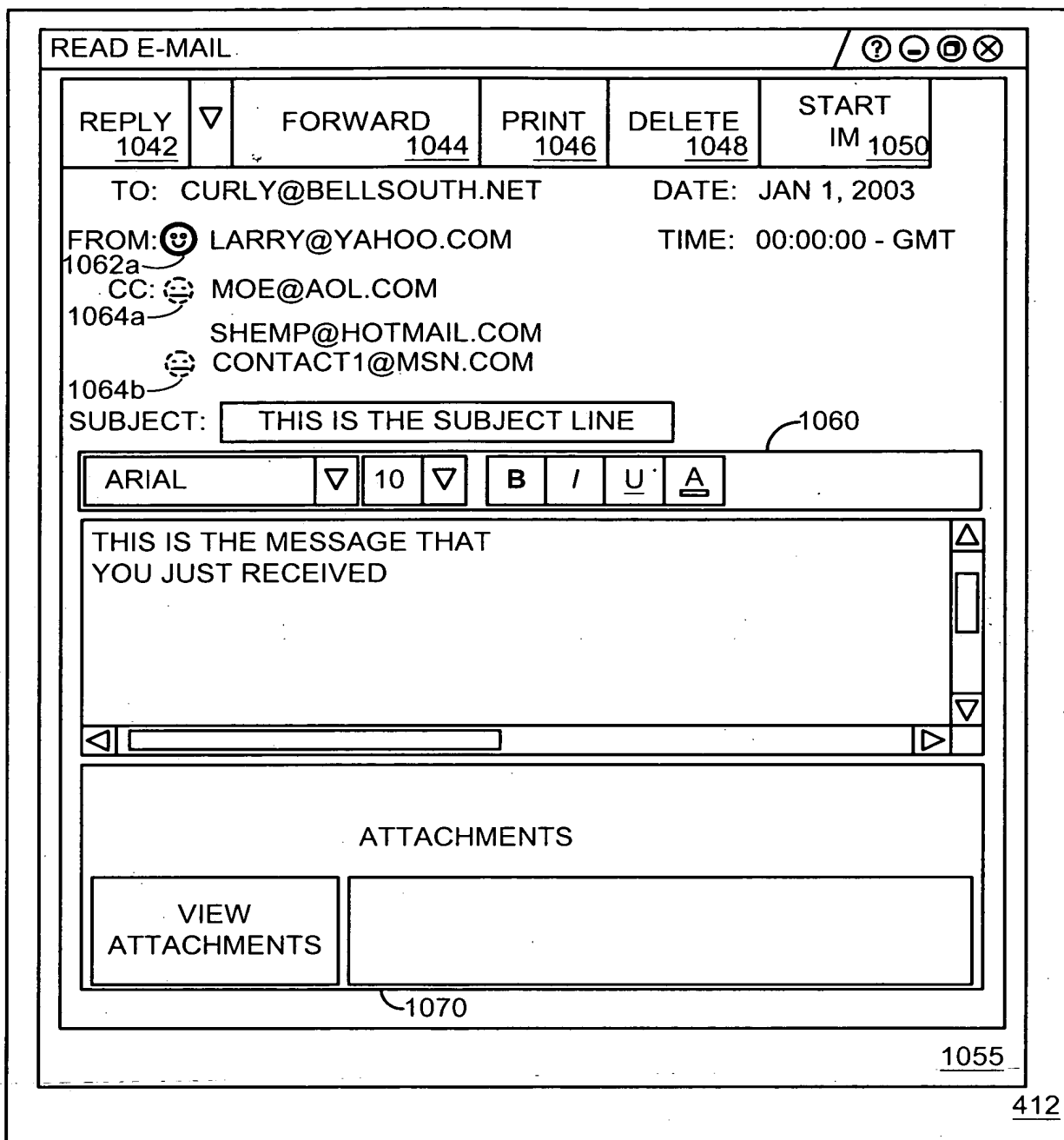
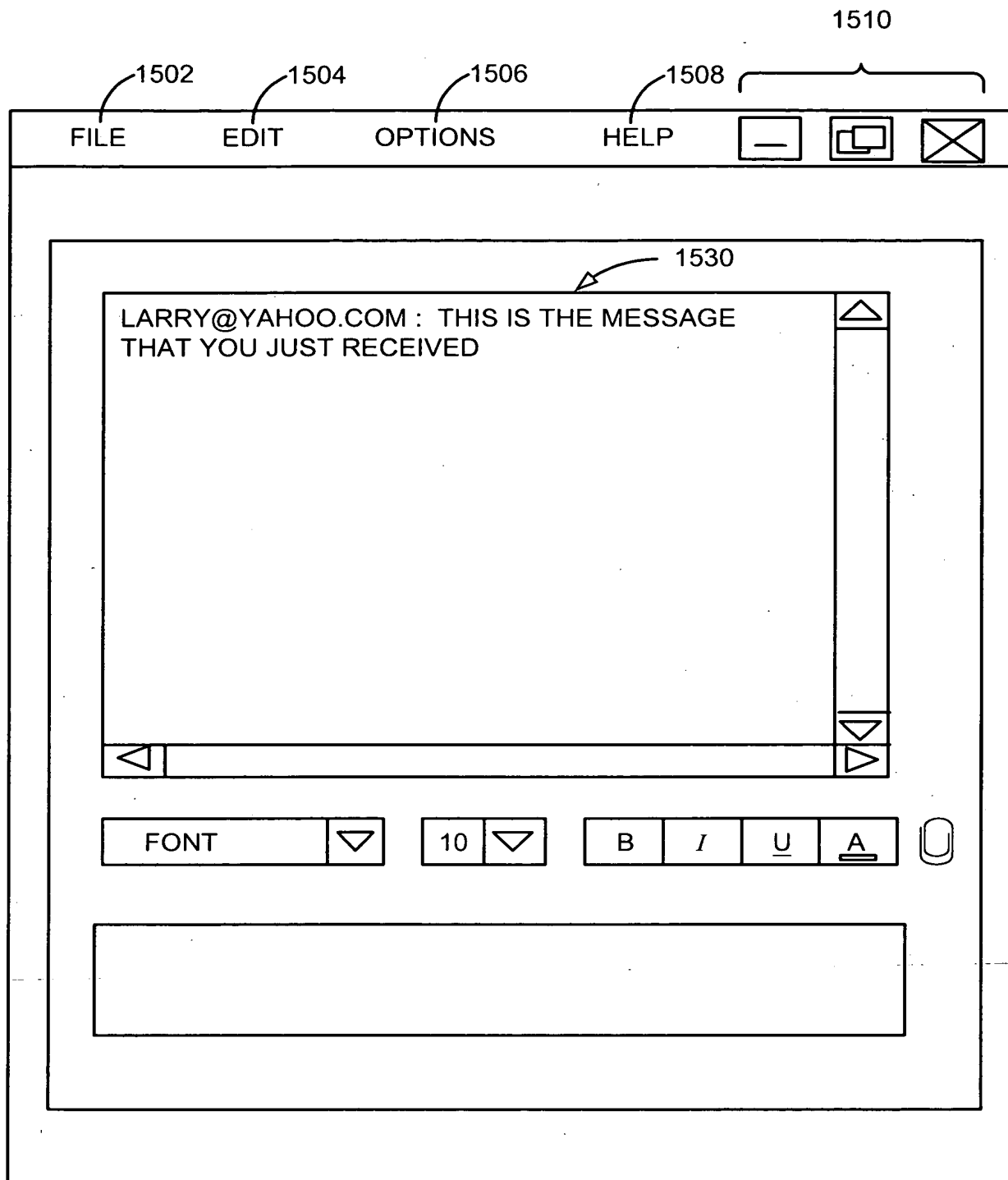


FIG. 10A



614 ↗

FIG. 10B

ADDRESS BOOK

?

YOUR CONTACTS ARE IN ALPHABETICAL ORDER BY LAST NAME. TO FIND A SPECIFIC CONTACT, YOU CAN SCROLL THROUGH THE LIST OR USE THE SELECTION BUTTONS BELOW TO NARROW YOUR SEARCH. TO SEE A CONTACT'S COMPLETE INFORMATION DETAILS SELECT "CLICK."

LAST NAMES A-K		LAST NAMES L-Z		NUMBERS		E-MAIL LISTS	
-------------------	--	-------------------	--	---------	--	--------------	--

SELECT RECIPIENTS

1110

1115

1120

TO:	CC:	NAME	E-MAIL ADDRESS		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BACH, JOHANN	BACHMAN@AOL.COM	DETAILS	
<input type="checkbox"/>	<input type="checkbox"/>	BAER, MAX	MAX@BELLSOUTH.NET	DETAILS	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	BALDWIN, ALEC	BALD@EARTHLINK.NET	DETAILS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BALDWIN, KIM	KIM@BELLSOUTH.NET	DETAILS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	BEST, PETE	BEST@HOTMAIL.COM	DETAILS	
<input type="checkbox"/>	<input type="checkbox"/>	BUNDY, AL	BUNDY@EXCITE.COM	DETAILS	
<input type="checkbox"/>	<input type="checkbox"/>	BUNDY, PEG	PEGGY@AOL.COM	DETAILS	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	CARTER, JIMMY	PEANUT@GO.COM	DETAILS	

305

WRITE 1125	NEW CONTACT 1130	NEW E-MAIL LIST 1135	DELETE 1140	EDIT 1145	CANCEL 1150
---------------	---------------------	-------------------------	----------------	--------------	----------------

1155

404

FIG. 11

ADD NEW CONTACT			/? [min] [max] [close]
<b>CONTACT NAME</b>			
LAST	<input type="text" value="HOWARD"/>	FIRST	<input type="text" value="CURLY"/> M.I. <input type="text" value="Q"/> <span style="float: right;">1260</span>
<b>E-MAIL</b>		<b>INSTANT MESSAGING (IM)</b>	
<input type="text" value="CURLY@BELLSOUTH.NET"/> <input type="button" value="WORK"/> ▾		ENTER IM ADDRESS(ES) HERE, TO CHAT FROM "READ" WINDOW	
<input type="text" value="WISEGUY@STOOGES.NET"/> <input type="button" value="HOME"/> ▾		<input type="text" value="CURLY2002"/> <input type="text" value="BELLSOUTH"/>	
<span style="float: right;">1265</span>		<input type="text" value="STOOGES1935"/> <input type="text" value="AOL"/> ▾	
<b>E-MAIL LIST(S)</b>		<input type="text" value="THECURLYMAN"/> <input type="text" value="HOTMAIL"/> ▾	
<input type="text" value="STOOGES GROUP"/> <input type="button" value="EDIT"/>		<input type="text" value="WHYIOTTA"/> <input type="text" value="PASSPORT"/> ▾	
<span style="float: right;">1270</span>		<span style="float: right;">1280</span>	
<b>PHONE NUMBER(S)</b> <span style="float: right;">1275</span>			
<input type="text" value="770-555-6789"/>	<input type="button" value="WORK"/> ▾	<b>STREET ADDRESS</b>	
<input type="text" value="404-555-1234"/>	<input type="button" value="HOME"/> ▾	<input type="text" value="1313 MOCKINGBIRD LN."/> LINE 1	
<input type="text" value="678-555-5432"/>	<input type="button" value="CELL"/> ▾	<input type="text" value="SUITE 1234"/> LINE 2	
<span style="float: right;">1285</span>		<input type="text" value="ATLANTA"/> CITY <input type="text" value="GA"/> STATE	
<span style="float: right;">1290</span>		<input type="text" value="30338"/> ZIP	
<span style="float: right;">1295</span>		<span style="float: right;">1295</span>	
<b>DESCRIPTION</b>			
CURLY HAS TWO BROTHERS, MOE AND SHEMP. SHEMP IS NOT TOO FUNNY. HIS BIRTHDAY IS IN AUGUST. DO NOT LEAVE HIM IN CHARGE.			
<span style="float: right;">1295</span>			

FIG. 12

110  
ADDRESS  
BOOK  
DATABASE

110 ADDRESS BOOK DATABASE				
<div> <div>1310</div> <div>1320</div> <div>1330</div> <div>1340</div> <div>1350</div> </div>				
ID	EMAIL ADDRESS	IM ADDRESS 1	IM ADDRESS 2	IM ADDRESS 3
C1 ID	C1 EMAIL ADDR. 1	C1 IM ADDR. 1	C1 ADDR. 2	C1 ADDR. 3
C2 ID	C2 EMAIL ADDR. 1	C2 IM ADDR. 1		
C3 ID		C3 IM ADDR. 1	C3 ADDR. 2	C3 ADDR. 3
C4 ID	C4 EMAIL ADDR. 1	C4 IM ADDR. 1	C4 ADDR. 2	
C5 ID	C5 EMAIL ADDR. 1			
C6 ID				
⋮	⋮	⋮	⋮	⋮
C <sub>I-1</sub> ID	C <sub>I-1</sub> EMAIL ADDR. 1			
C <sub>I</sub> ID	C <sub>I</sub> EMAIL ADDR. 1	C <sub>I</sub> IM ADDR. 1		
C <sub>I+1</sub> ID	C <sub>I+1</sub> EMAIL ADDR. 1	C <sub>I+1</sub> IM ADDR. 1		
⋮	⋮	⋮	⋮	⋮
C <sub>N-2</sub> ID		C <sub>N-2</sub> IM ADDR. 1	C <sub>N-2</sub> ADDR. 2	C <sub>N-2</sub> ADDR. 3
C <sub>N-1</sub> ID	C <sub>N-1</sub> EMAIL ADDR. 1	C <sub>N-1</sub> IM ADDR. 1	C <sub>N-1</sub> ADDR. 2	C <sub>N-1</sub> ADDR. 3
C <sub>N</sub> ID	C <sub>N</sub> EMAIL ADDR. 1	C <sub>N</sub> IM ADDR. 1	C <sub>N</sub> ADDR. 2	C <sub>N</sub> ADDR. 3

FIG. 13A

110  
ADDRESS  
BOOK  
DATABASE

110 ADDRESS BOOK DATABASE (XML-STRUCTURED DATABASE)				
<div> <div>1310</div> <div>1320</div> <div>1330</div> <div>1340</div> <div>1350</div> </div>				
ID	EMAIL ADDRESS	IM ADDRESS 1	PHONE NO.	FAX NUMBER
C1 ID	C1 EMAIL ADDR. 1	C1 IM ADDR. 1	C1 PH. NO.	C1 FAX NO.
C2 ID	C2 EMAIL ADDR. 1	C2 IM ADDR. 1		
C3 ID		C3 IM ADDR. 1	C3 PH. NO.	C3 FAX NO.
C4 ID	C4 EMAIL ADDR. 1	C4 IM ADDR. 1	C4 PH. NO.	
C5 ID	C5 EMAIL ADDR. 1		C5 PH. NO.	C5 FAX NO.
C6 ID			C6 PH. NO.	C6 FAX NO.
⋮	⋮	⋮	⋮	⋮
C <sub>I-1</sub> ID	C <sub>I-1</sub> EMAIL ADDR. 1		C <sub>I-1</sub> PH. NO.	C <sub>I-1</sub> FAX NO.
C <sub>I</sub> ID	C <sub>I</sub> EMAIL ADDR. 1	C <sub>I</sub> IM ADDR. 1		
C <sub>I+1</sub> ID	C <sub>I+1</sub> EMAIL ADDR. 1	C <sub>I+1</sub> IM ADDR. 1		C <sub>I+1</sub> FAX NO.
⋮	⋮	⋮	⋮	⋮
C <sub>N-2</sub> ID		C <sub>N-2</sub> IM ADDR. 1	C <sub>N-2</sub> PH. NO.	C <sub>N-2</sub> FAX NO.
C <sub>N-1</sub> ID	C <sub>N-1</sub> EMAIL ADDR. 1	C <sub>N-1</sub> IM ADDR. 1	C <sub>N-1</sub> PH. NO.	C <sub>N-1</sub> FAX NO.
C <sub>N</sub> ID	C <sub>N</sub> EMAIL ADDR. 1	C <sub>N</sub> IM ADDR. 1	C <sub>N</sub> PH. NO.	C <sub>N</sub> FAX NO.

FIG. 13B

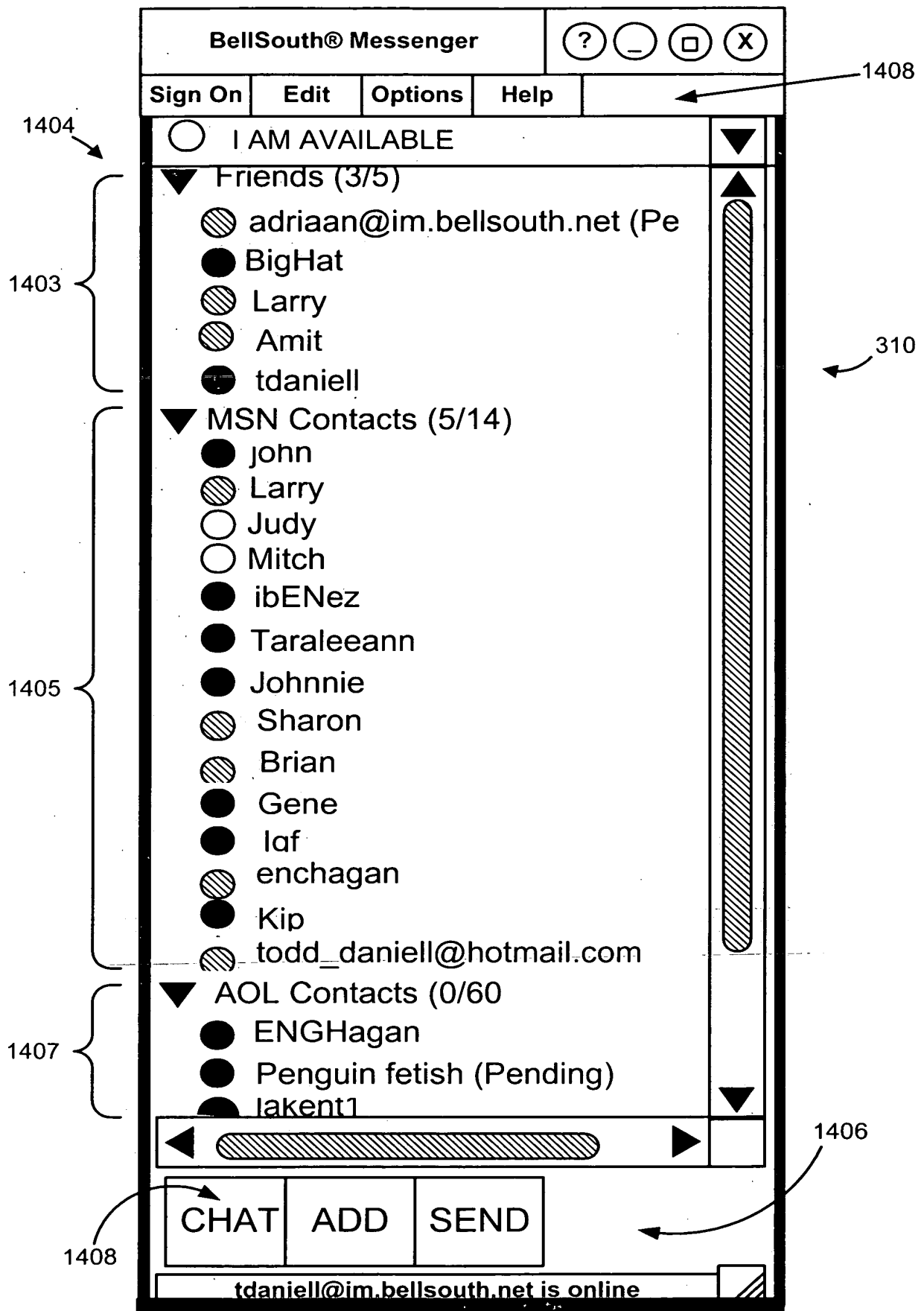
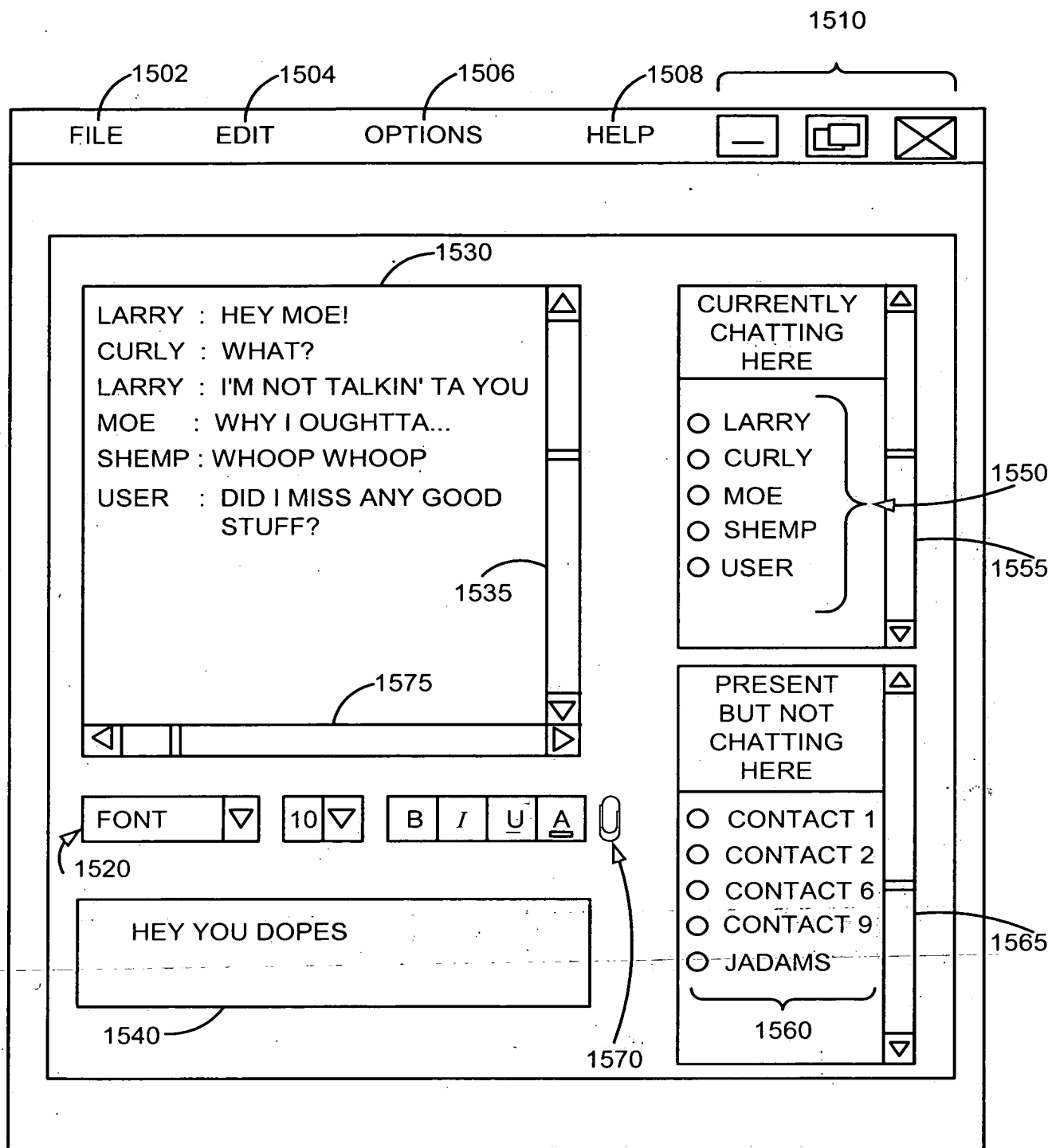


FIG. 14





614 ↗

FIG. 15

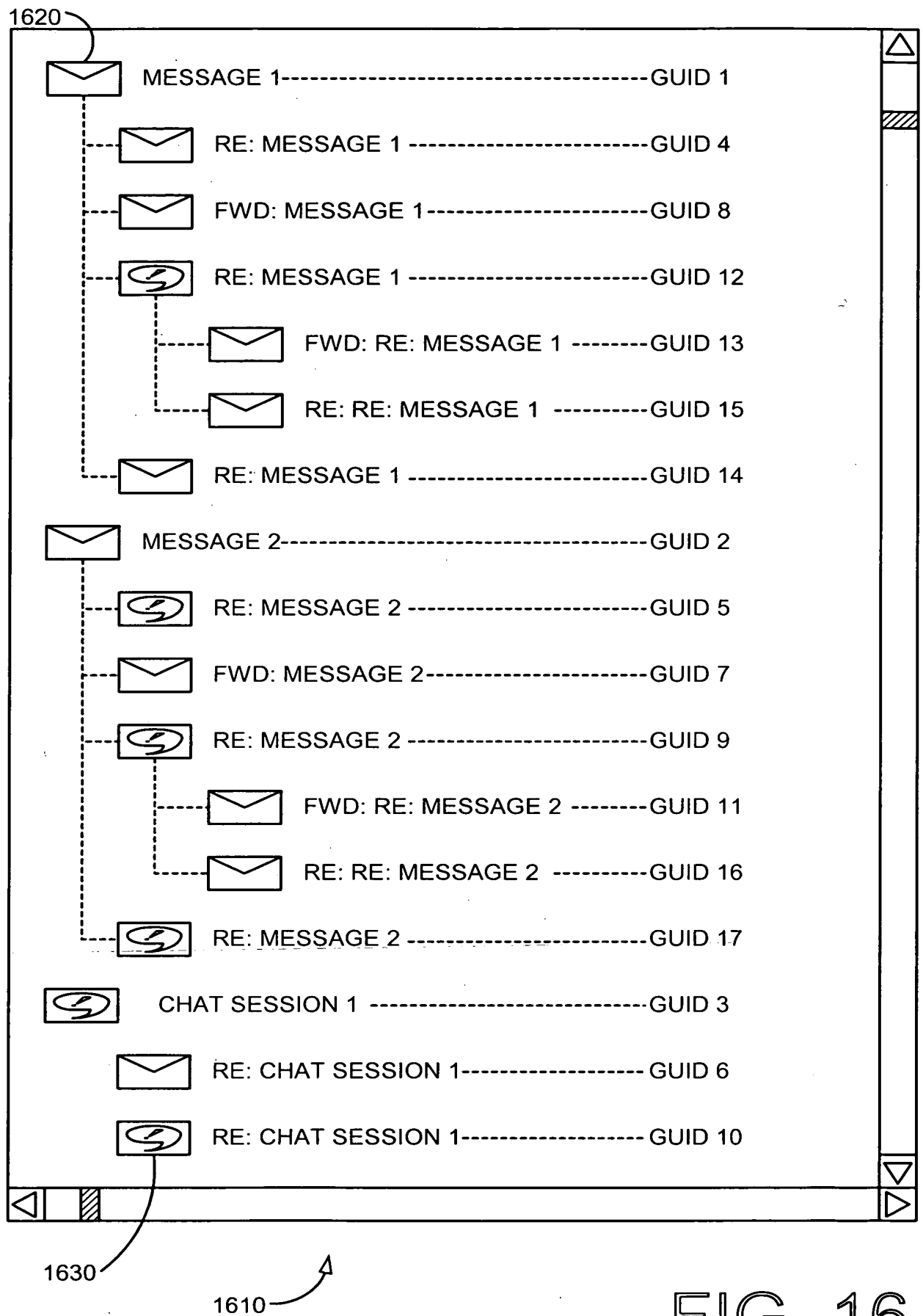


FIG. 16

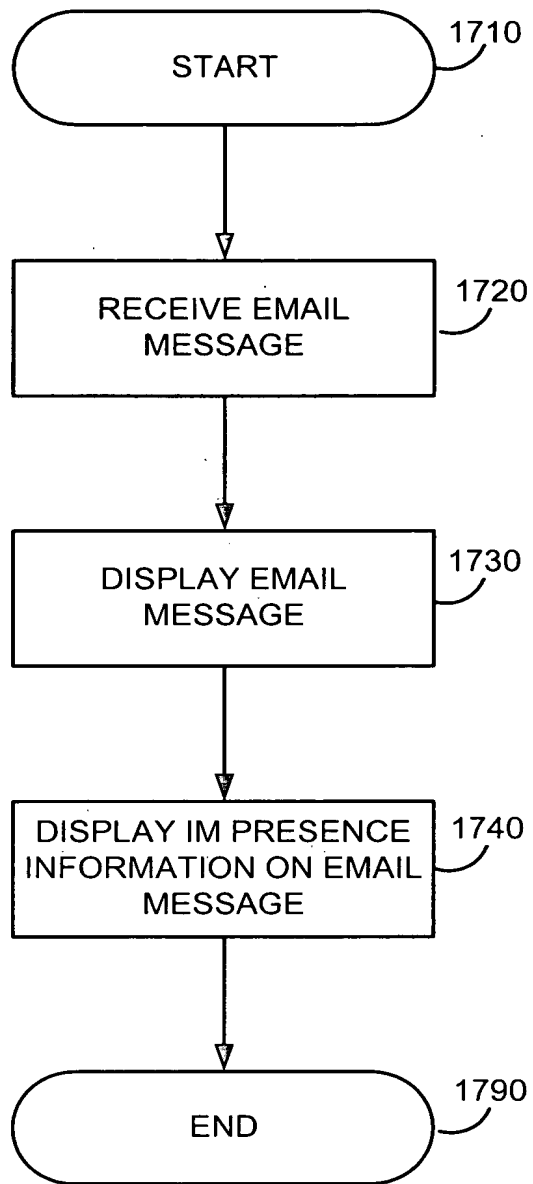


FIG. 17

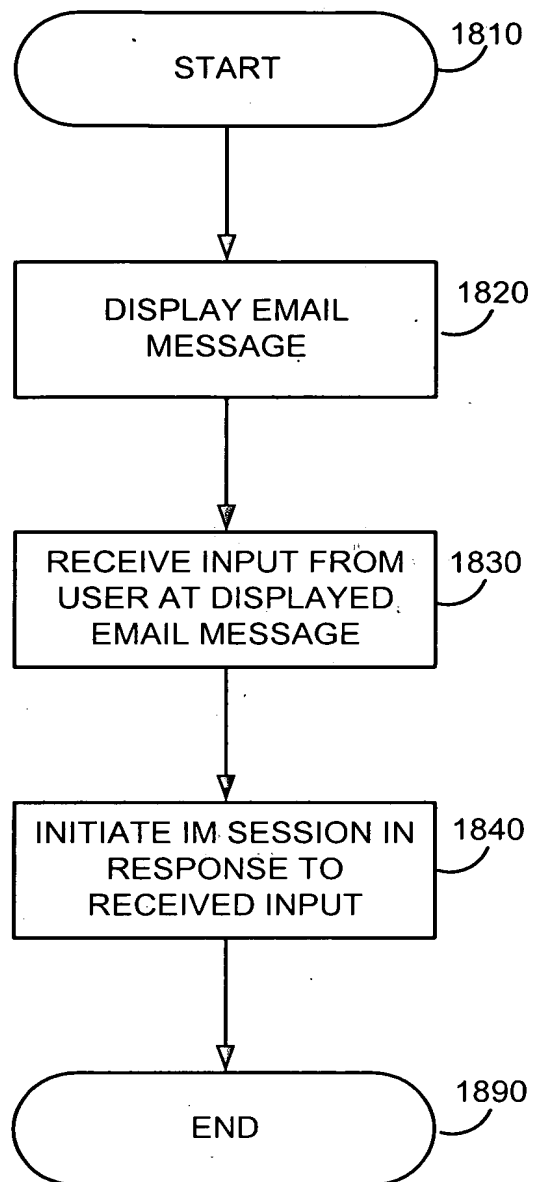


FIG. 18A

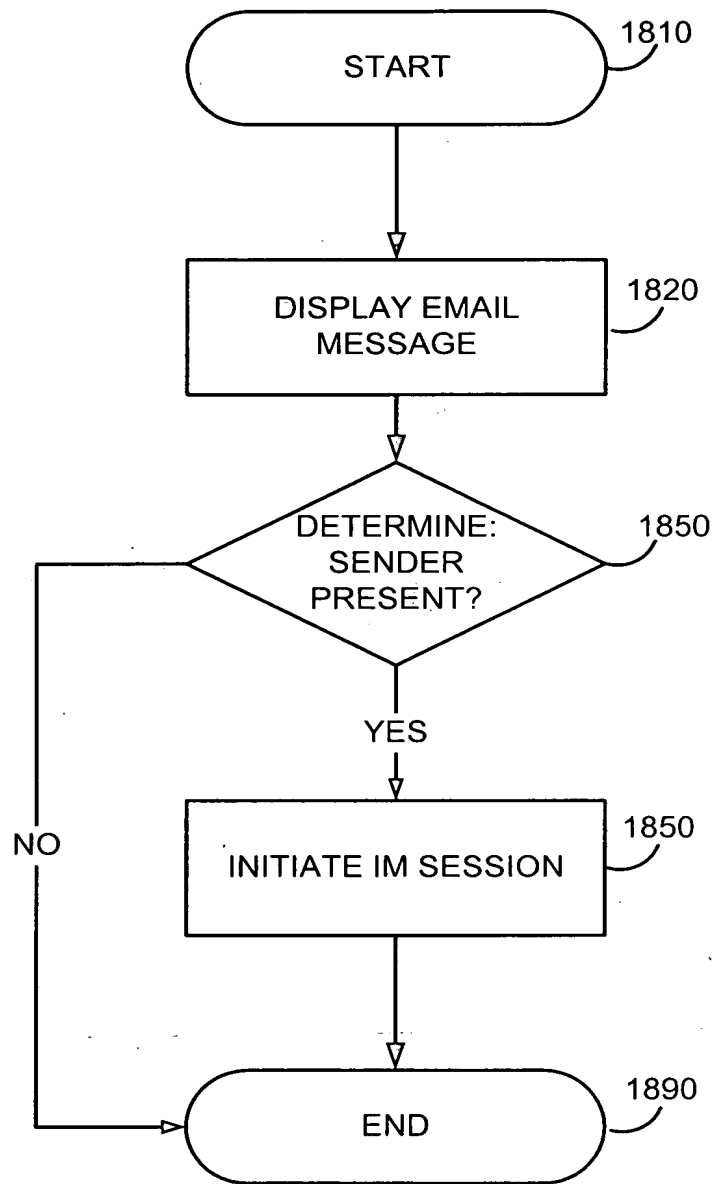


FIG. 18B

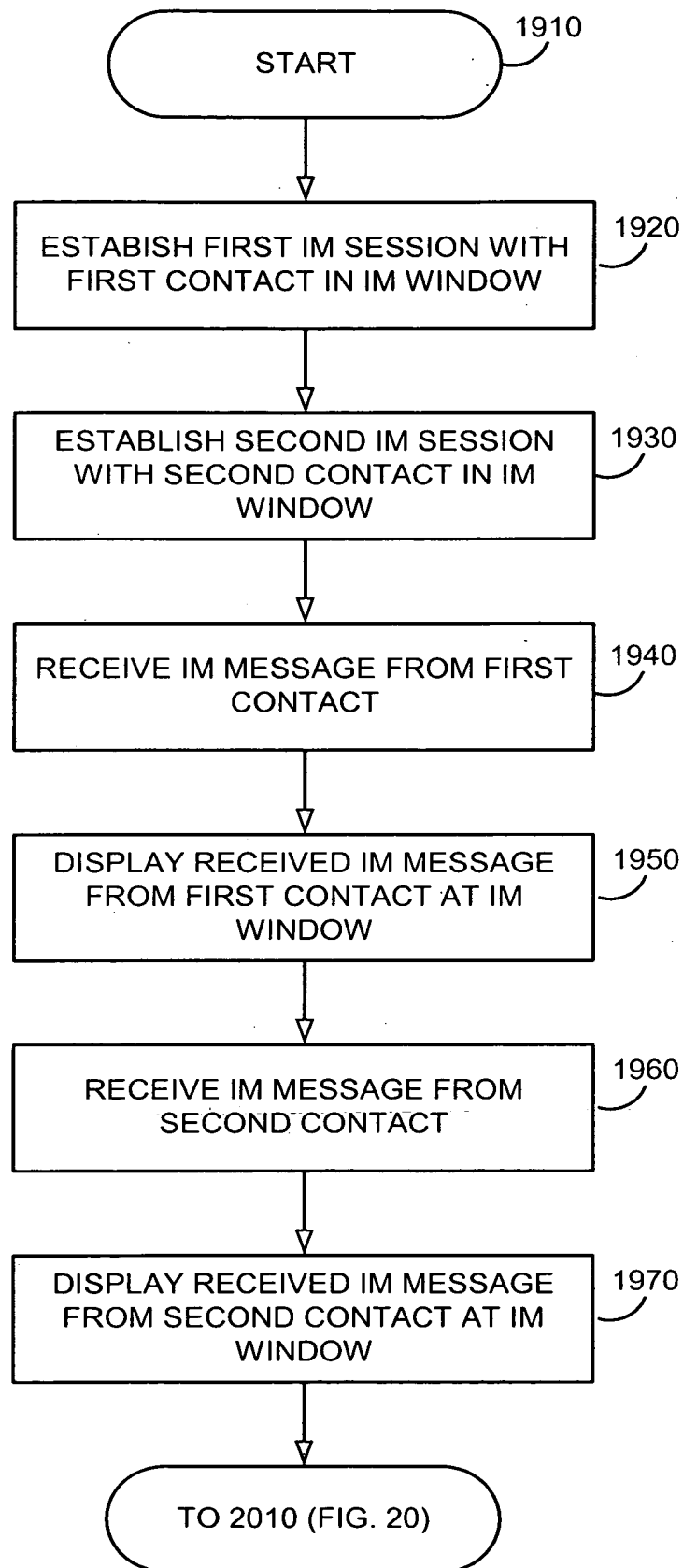


FIG. 19

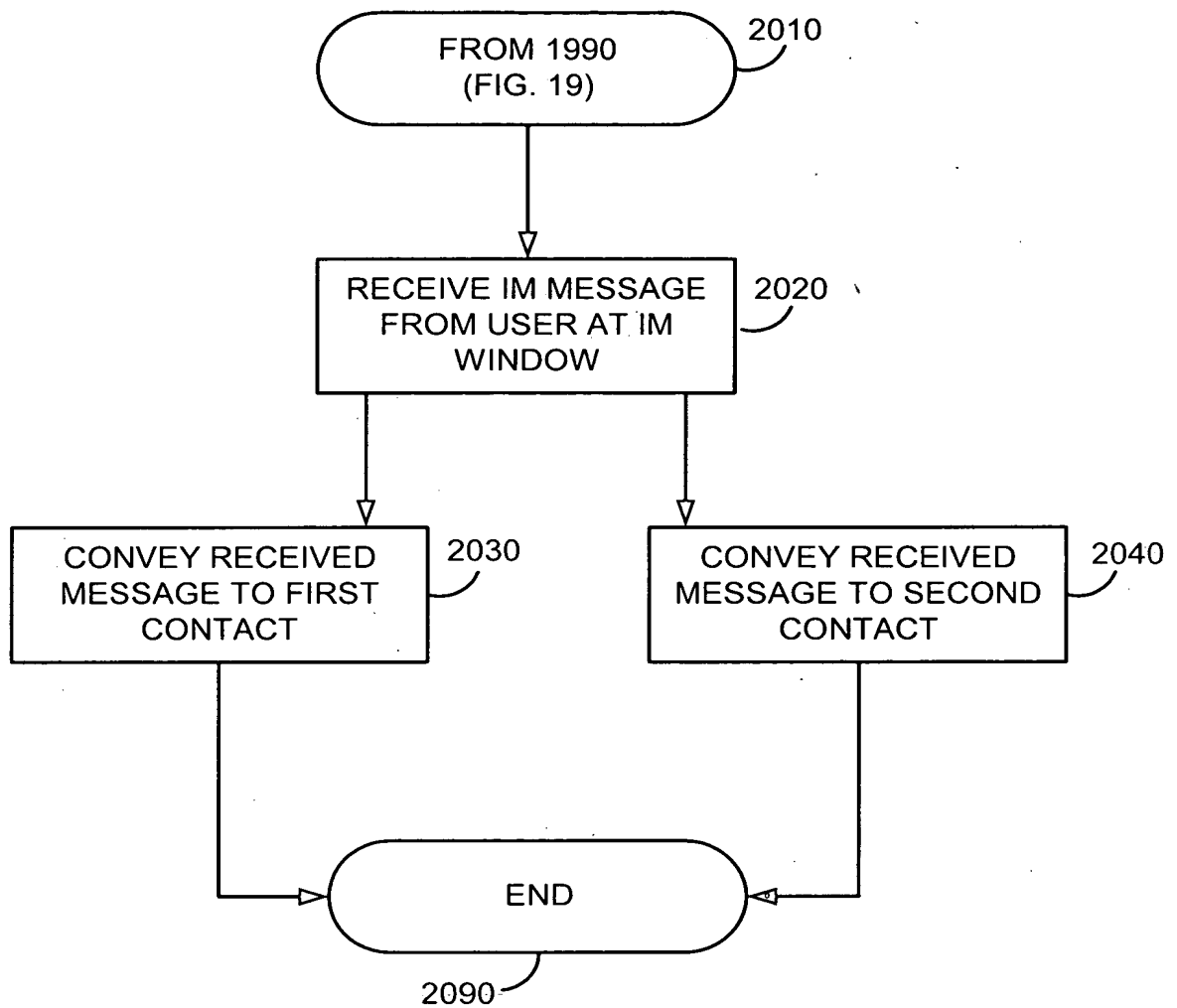


FIG. 20

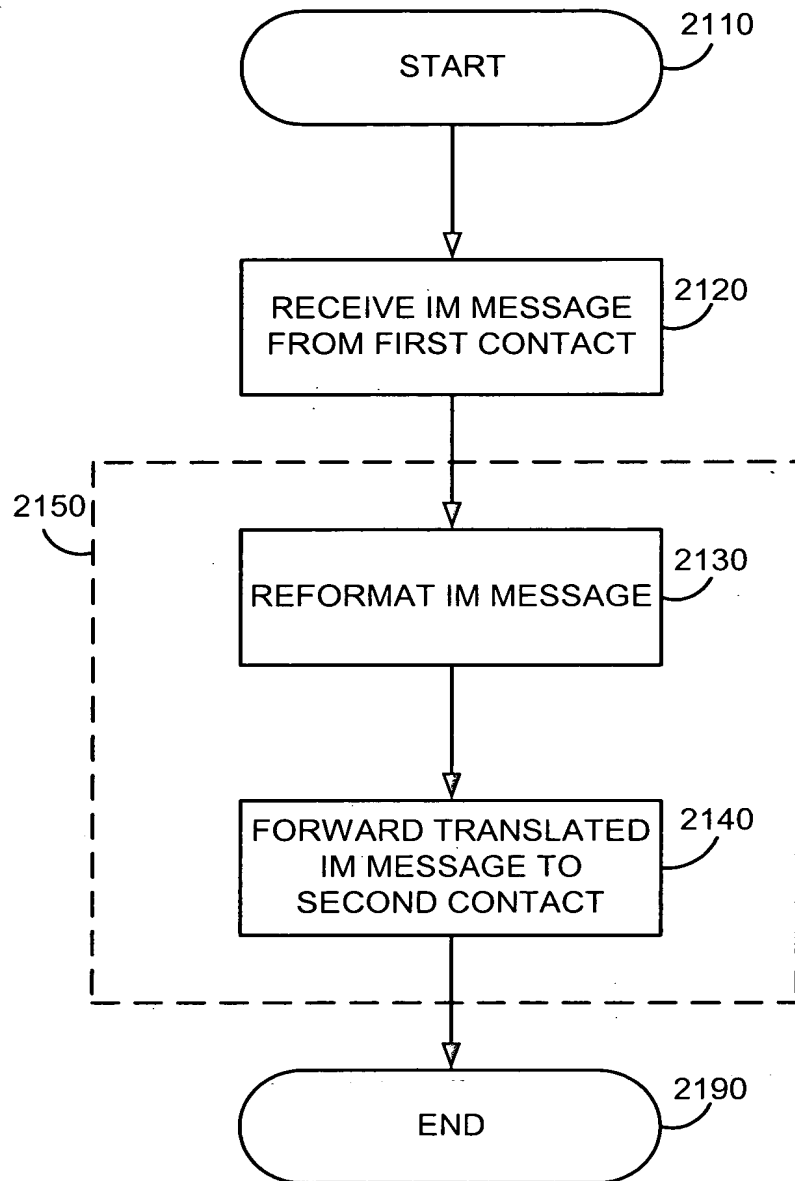


FIG. 21



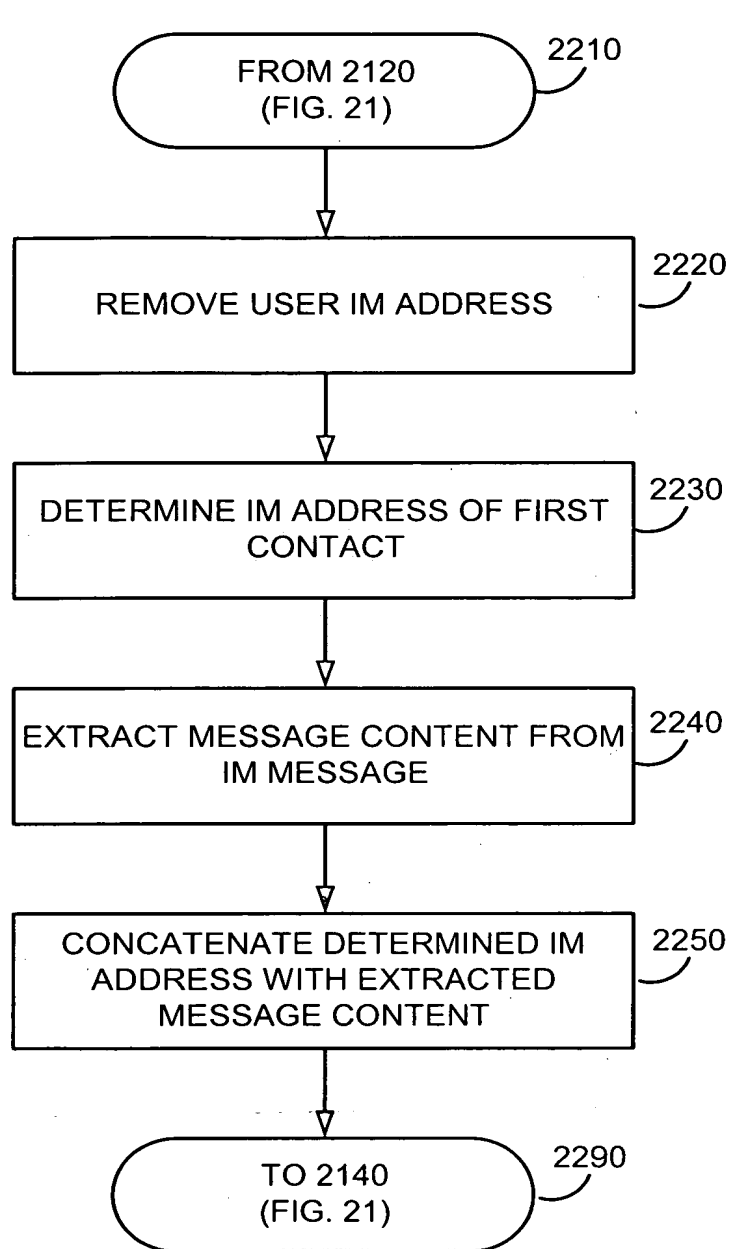


FIG. 22

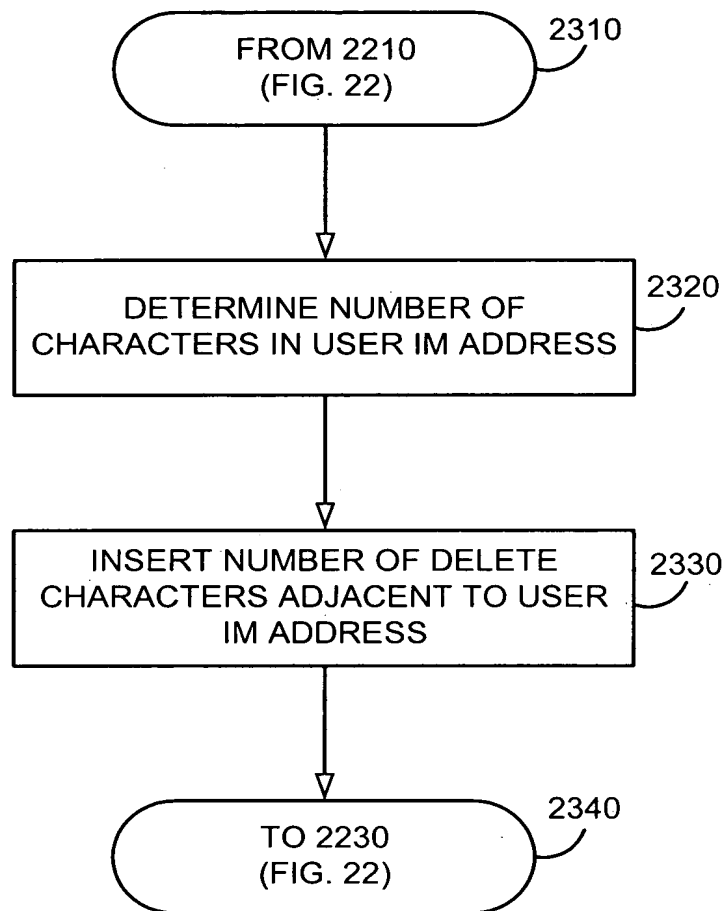


FIG. 23

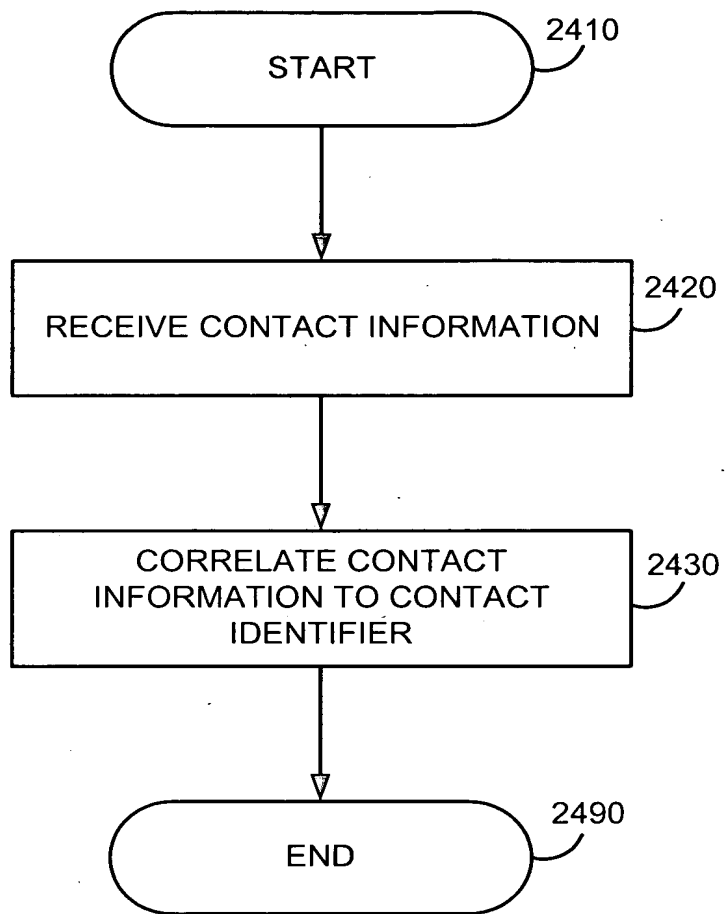


FIG. 24

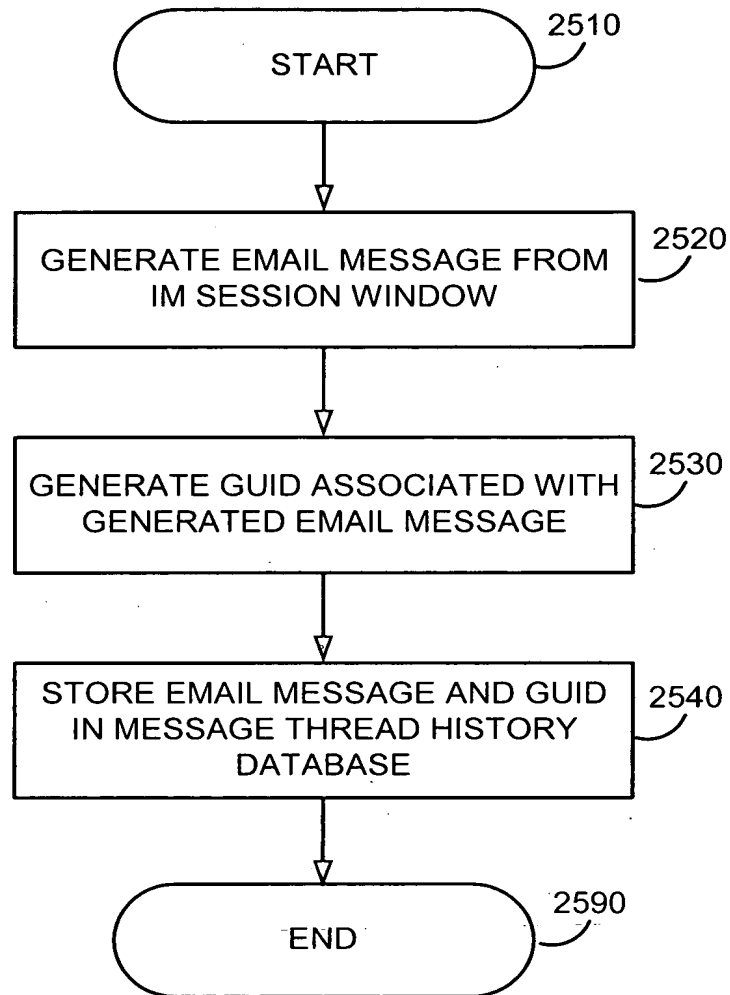


FIG. 25

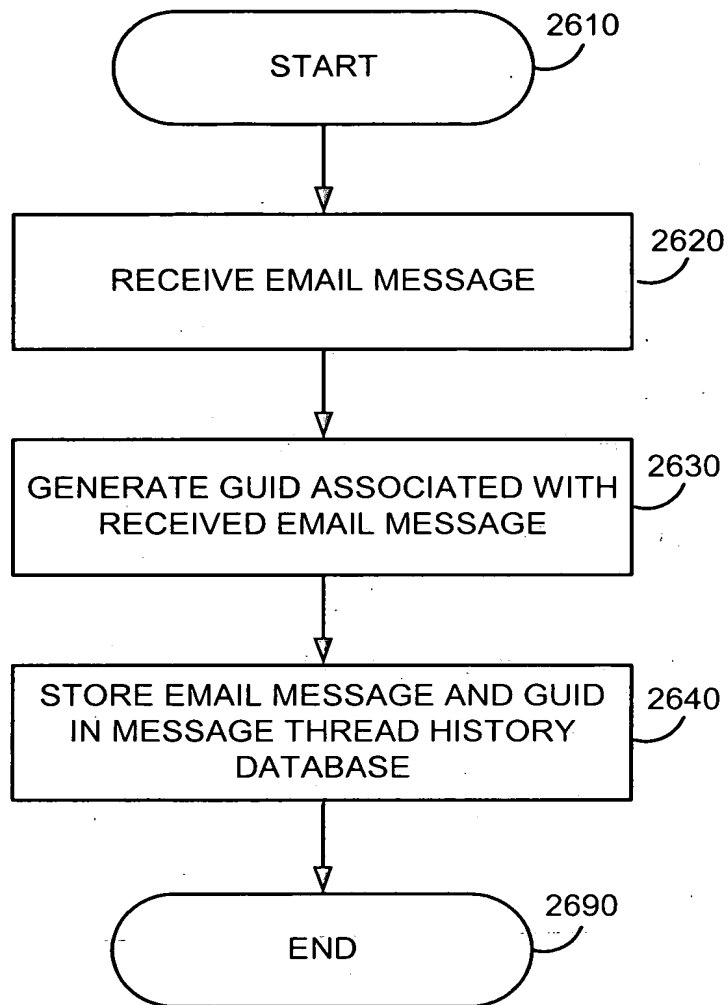


FIG. 26

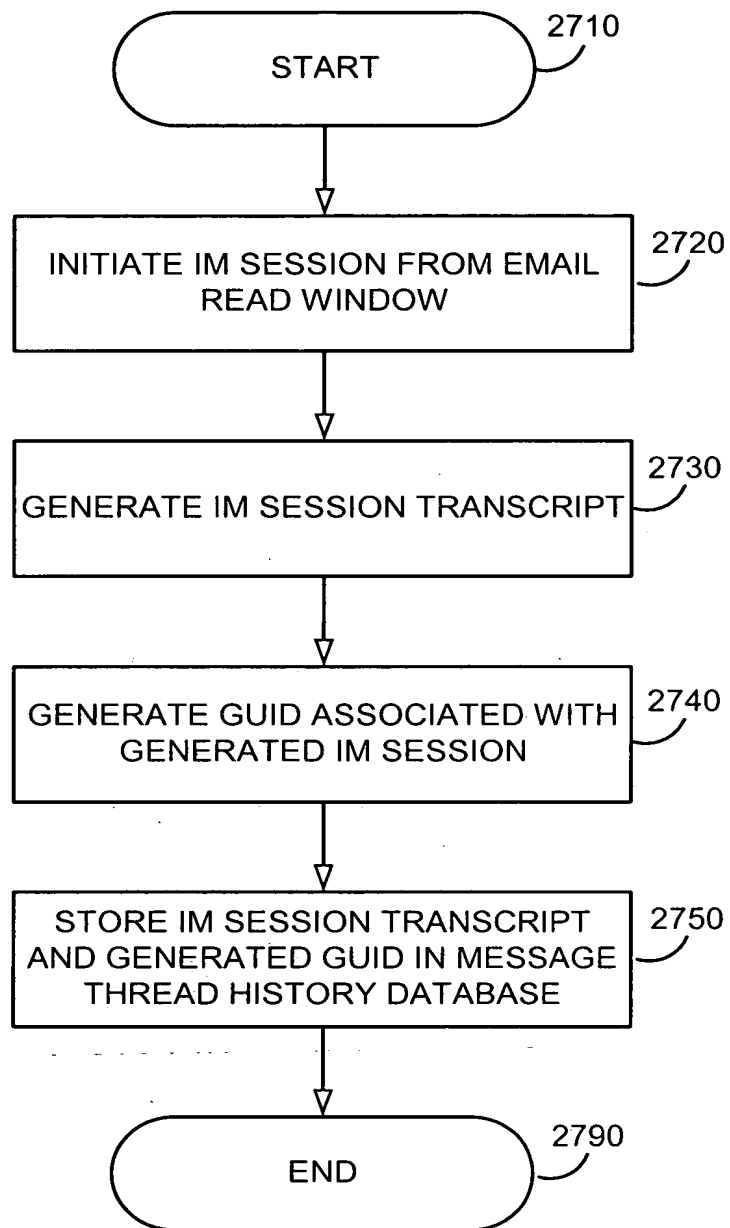
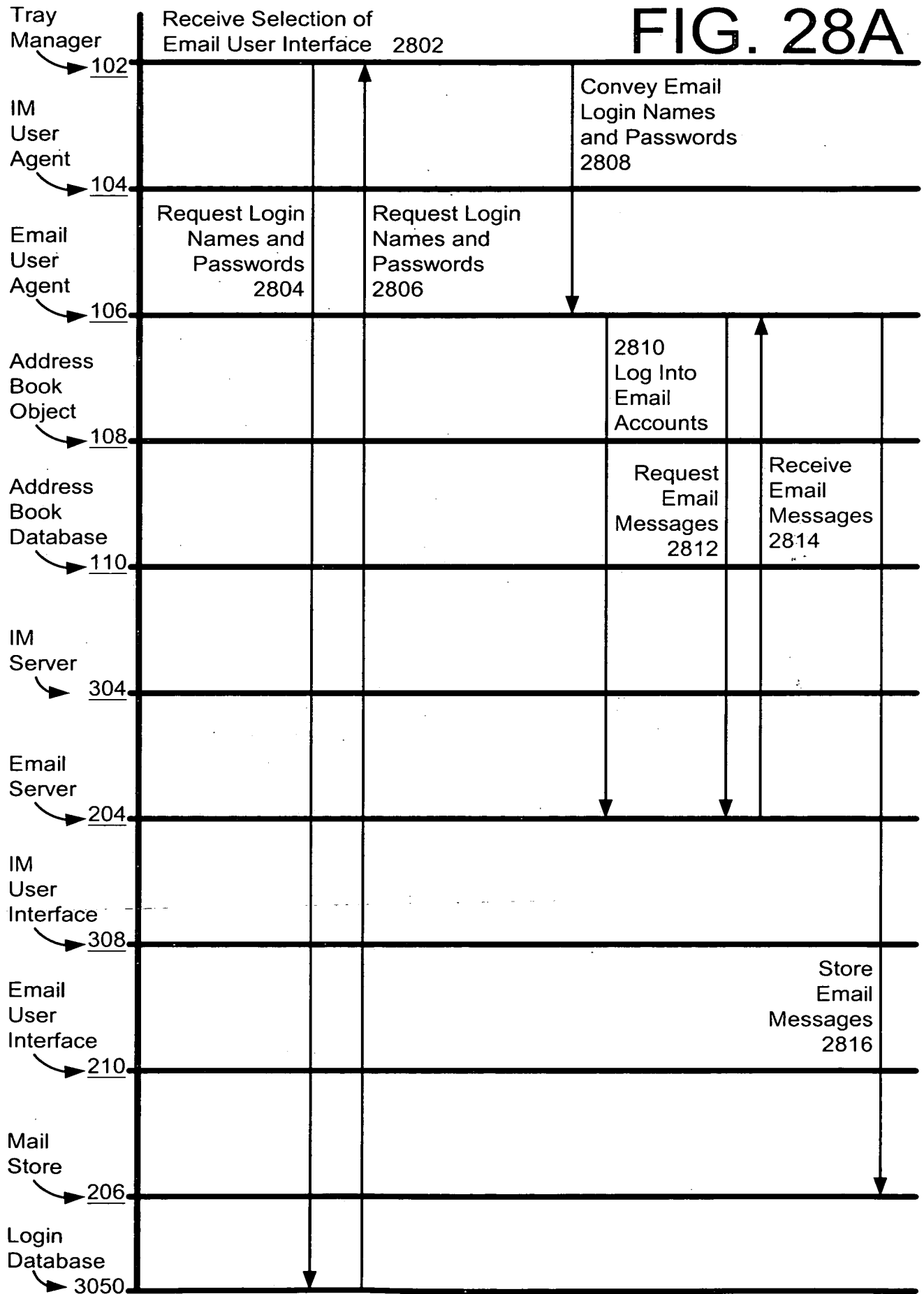



FIG. 27

Tray Manager	Receive Selection of Email User Interface	2802
--------------	---	------



[illegible]

Tray  
Manager



102

IM  
User  
Agent

104.

Email  
User  
Agent

Address  
Book  
Object  
    108.

Address  
Book  
Database  
→ 110.

IM  
Server  
→ 304.


Email Server → 204.

IM  
User  
Interface

308.

Email  
User  
Interface

Mail Store 206.

Login Database  
 3050.

2828  
Convey  
Email  
Messages

Command to  
Instantiate  
User Interface  
2818

Instantiate  
User  
Interface  
2820

Request  
Email  
Messages  
2824

Receive  
Email  
Messages  
2826

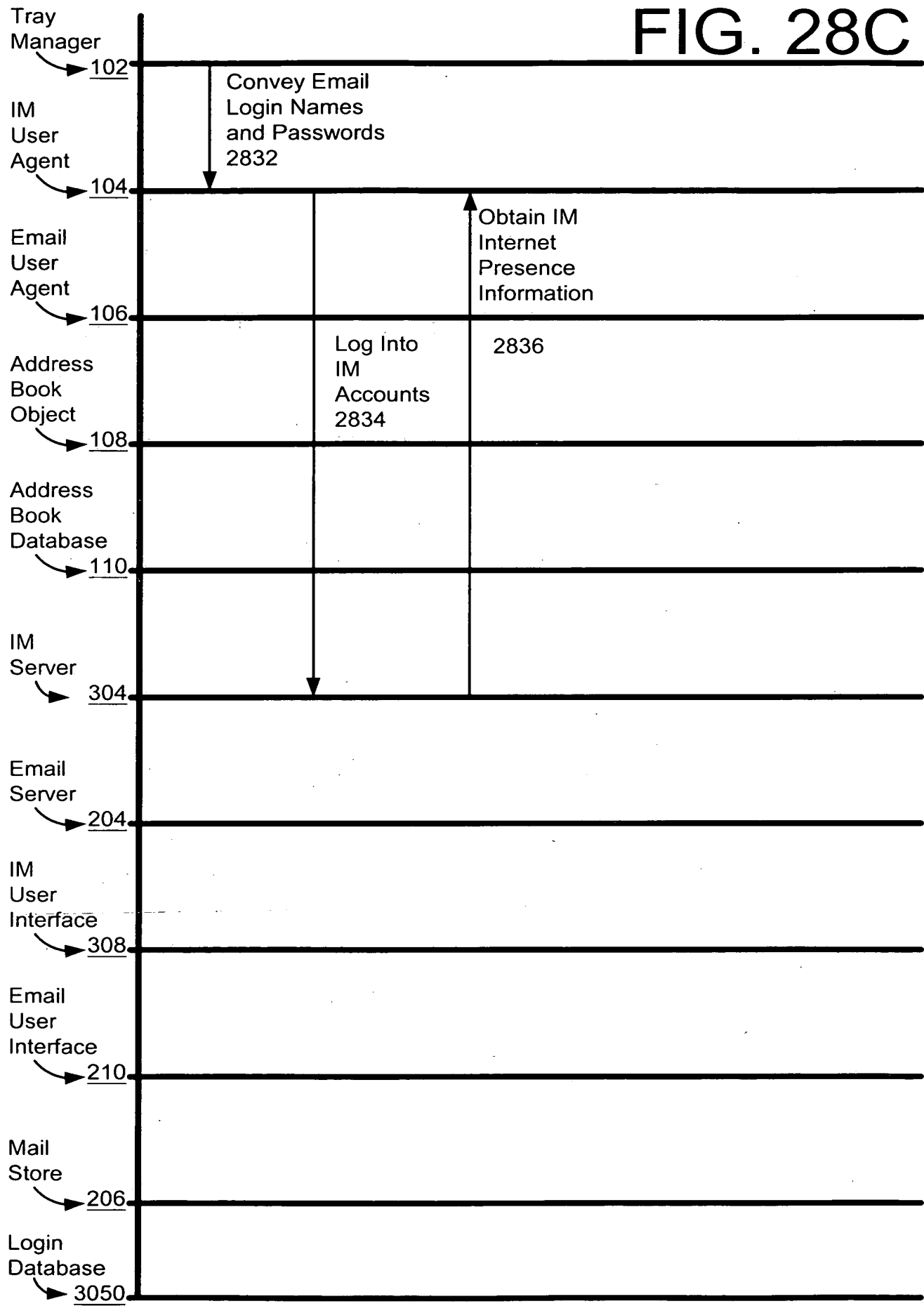
Convey  
Email  
Messages  
2830

2822

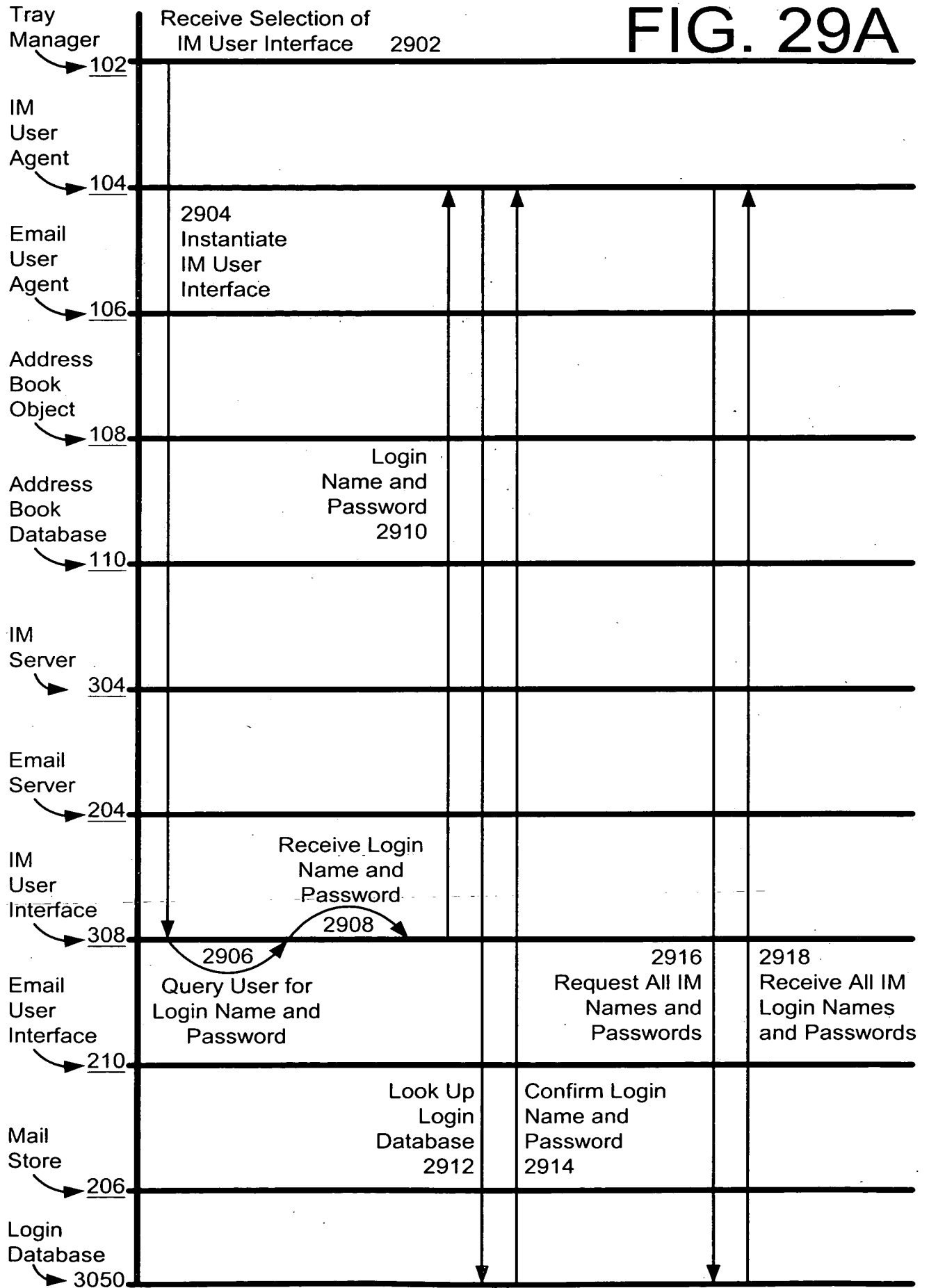
## Instantiate Message Center



FIG. 28C



# FIG. 29A



# FIG. 29B

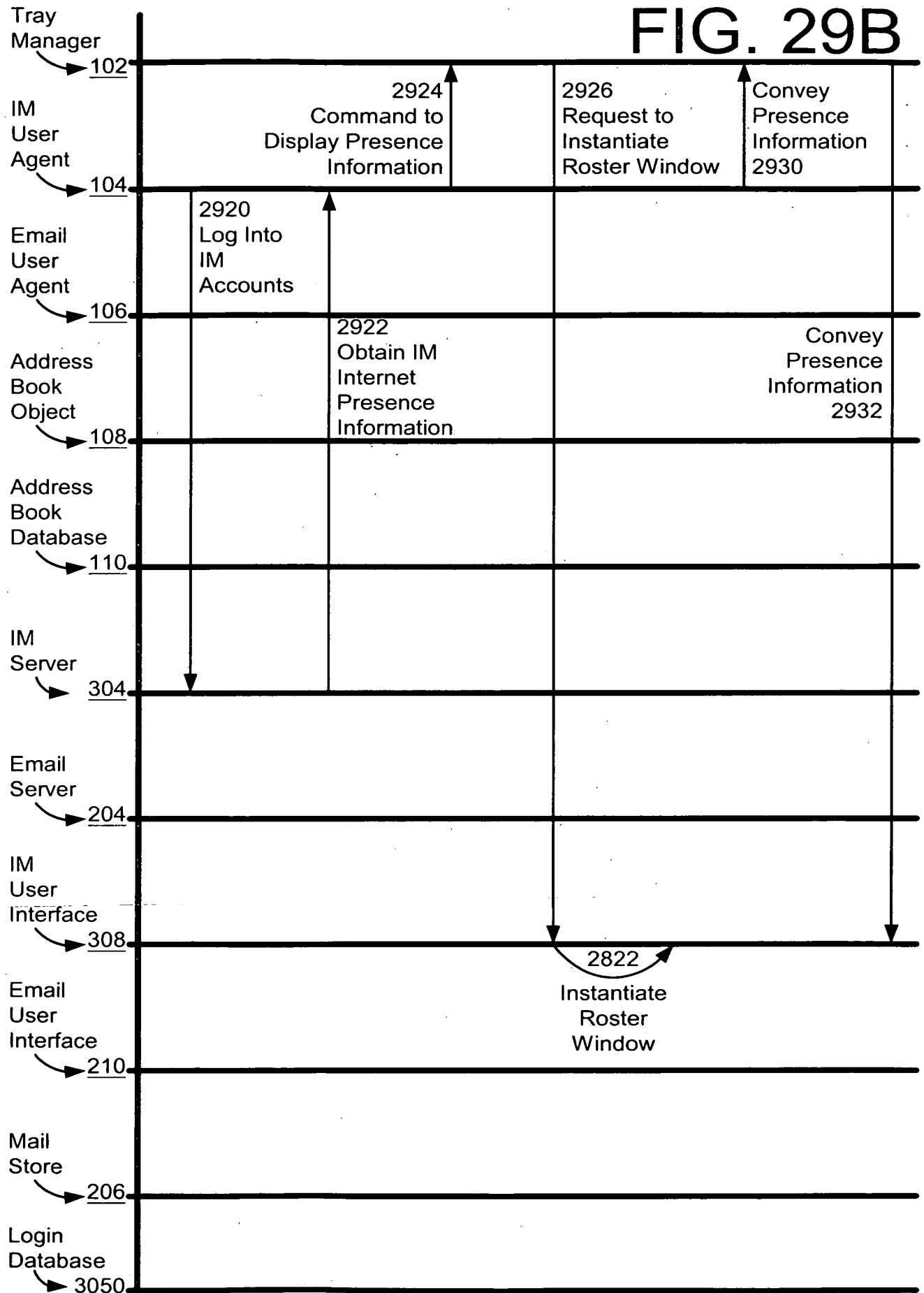


FIG. 29C

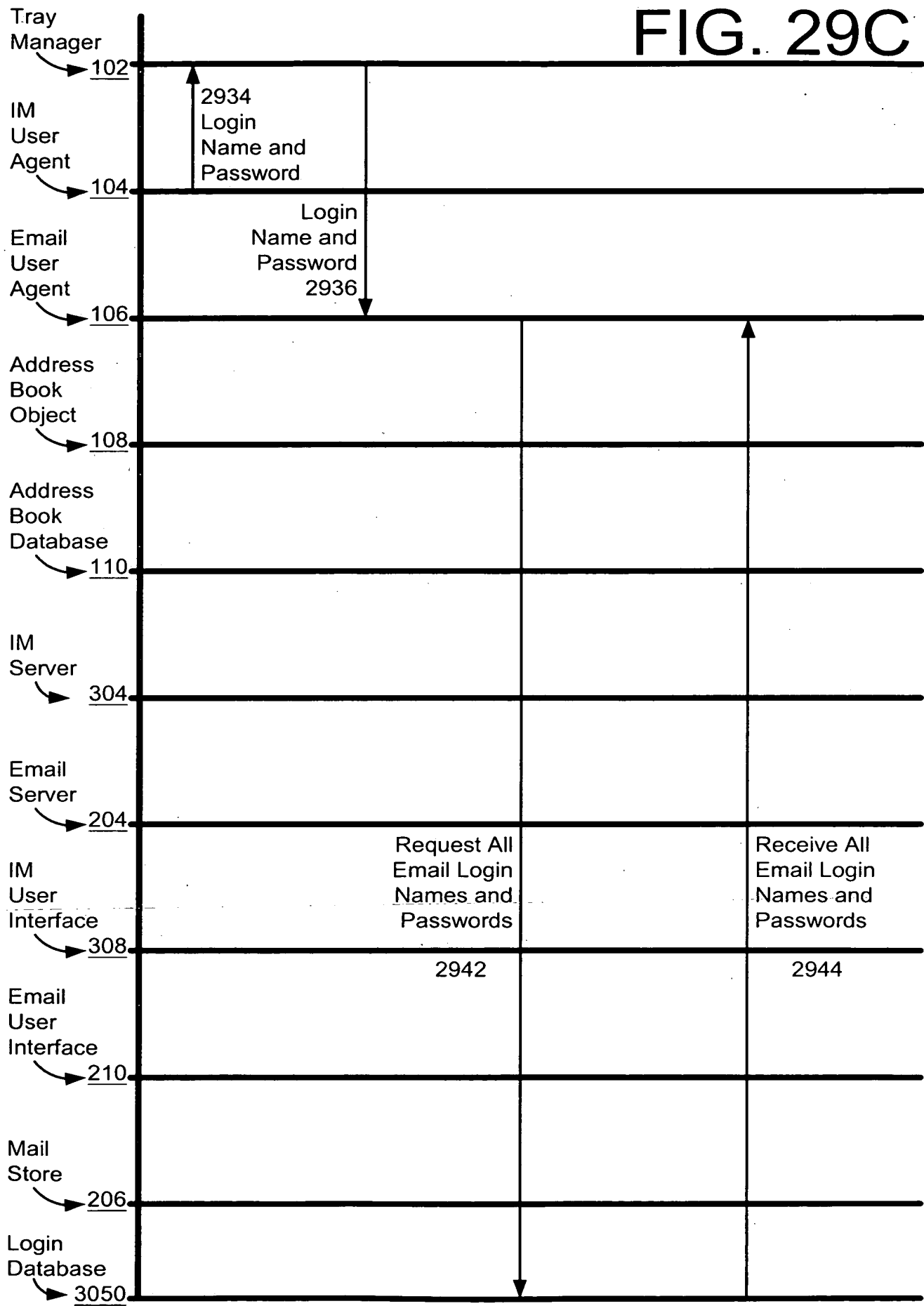
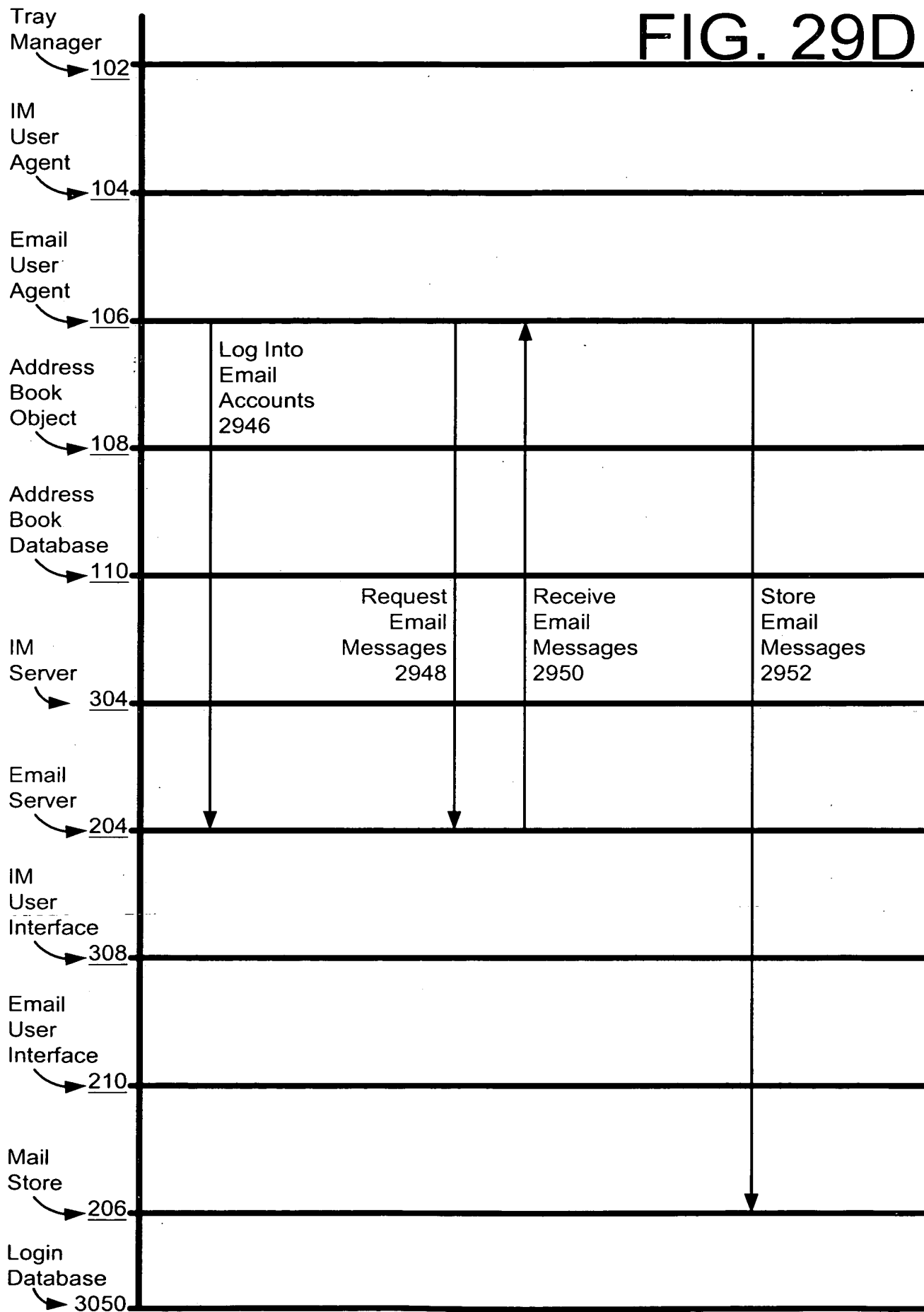


FIG. 29D



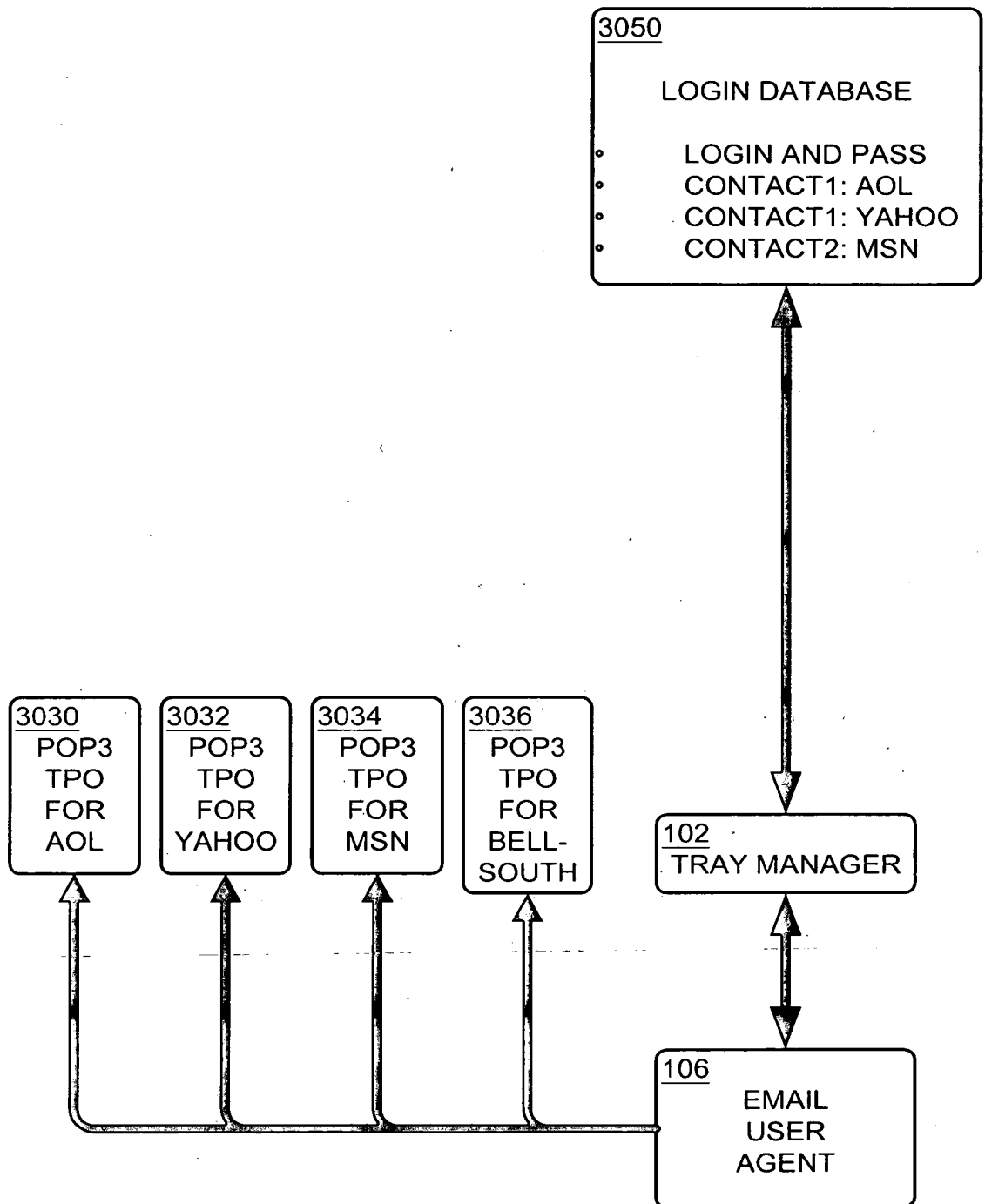


FIG. 30

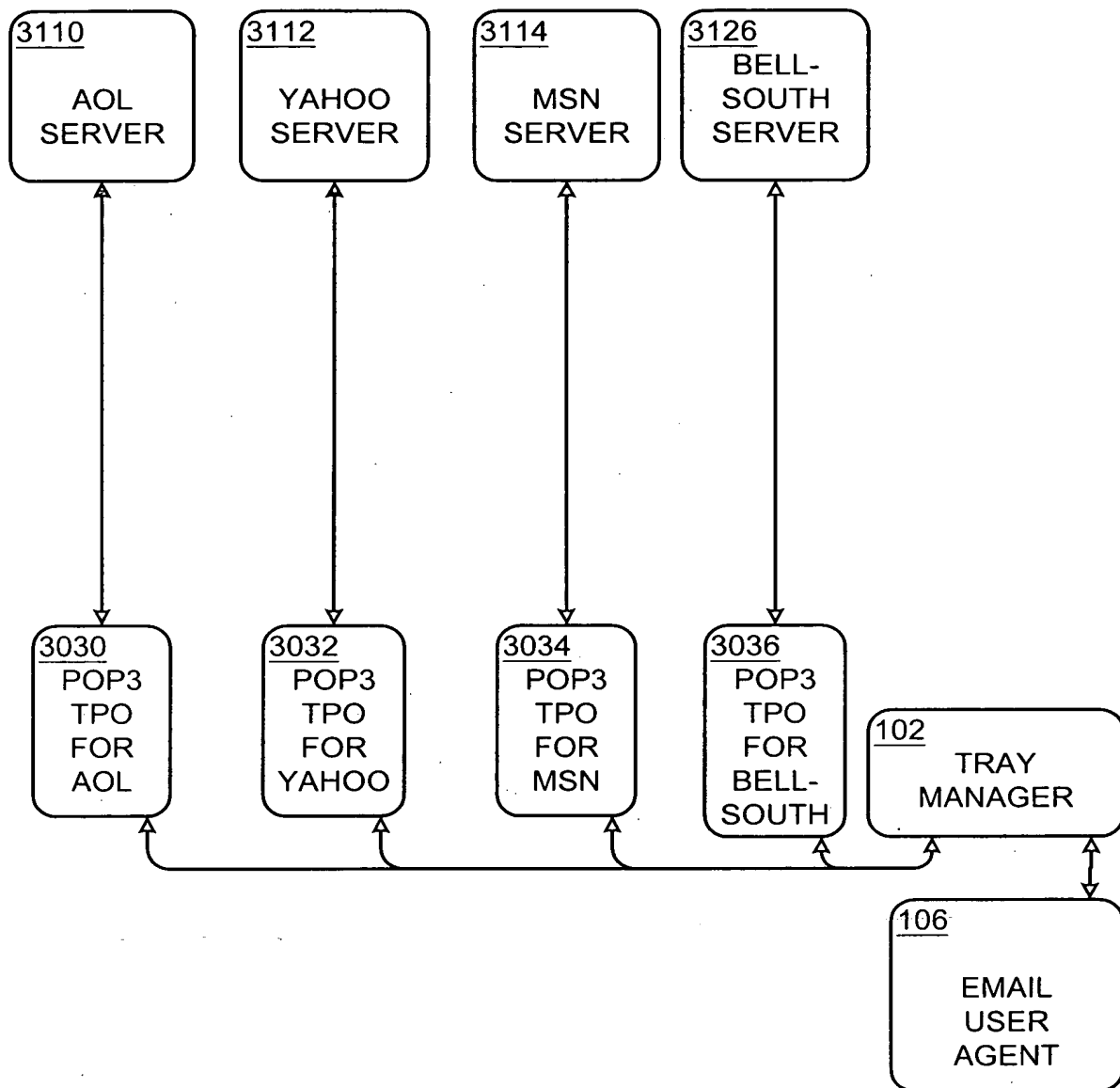


FIG. 31